

BRYN ATHYN  
COLLEGE

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2012-13 Course Bulletin

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BRYN ATHYN COLLEGE CALENDAR FOR ACADEMIC YEAR 2012-2013  
ONE HUNDRED and THIRTY-SIXTH ACADEMIC YEAR

2012

June	16	Sat	Orientation Part One: Course registration and orientation session for new students
	29	Fri	Orientation Part One: Course registration and orientation session for new students
August	17	Fri	Orientation Part One: Course registration and orientation session for new students
	18-21	Sat-Tues	RA training
	20	Mon	Faculty retreat
	21	Tues	Administration and Faculty meetings
	22	Wed	PAC members arrive on campus
	23	Thurs	10:00 pm – 5:00 pm: New Students (US and International) arrive on campus
	24-26	Fri-Sun	Orientation Part Two: for new students
	26	Sun	12:00 pm - 6:00 pm: Returning students (US and International) return to campus
	27	Mon	8:00 am - 5:00 pm: Open advising period for all students
	28	Tues	Service Day
			7:00 pm: President's Welcome (dessert) for all students (Glencairn) - informal attire
	29	Wed	8:10 am: Fall Term classes begin
September	3	Mon	Labor Day holiday
October	12	Fri	Charter Day
	29-2	Mon-Fri	Registration for Winter Term
November	9	Fri	Fall Term classes end
	12	Mon	Reading day
	13	Tue	Exams begin
	16	Fri	Fall Term ends after exams
	25	Sun	Resident students return
	26	Mon	Winter Term classes begin
December	21	Fri	Christmas vacation begins following afternoon classes

2013

January	1	Tues	New Years Day holiday
	6	Sun	Resident students return
	7	Mon	Classes resume
	21	Mon	Martin Luther King, Jr.- holiday
	28 -1	Mon-Fri	Registration for Spring Term
February	15	Fri	Winter Term classes end
	18	Mon	President's Day holiday-Reading day
	19	Tue	Exams begin
	22	Fri	Winter Term ends after exams
March	10	Sun	Resident students return
	11	Mon	Spring Term classes begin
	29	Fri	Good Friday holiday
April	8-12	Mon-Fri	Pre-registration for declared majors
	22-26	Mon-Fri	Pre-registration for undeclared majors
May	17	Fri	Spring Term classes end
	20	Mon	Exams begin
	23	Thu	Last day of exams
	24	Fri	6:30 pm: Graduation Dinner (Brickman Center)
	25	Sat	10:00 am: Graduation (MPAC)

## **Bryn Athyn College of the New Church**

### **Mission Statement**

Bryn Athyn College of the New Church serves as an intellectual center for all who desire to pursue a higher education in the liberal arts and sciences, enriched and structured by the Old and New Testaments and the Writings of Emanuel Swedenborg. The purpose of this education is to enhance students' civil, moral, and spiritual life, as well as to contribute to human spiritual welfare.

(Adopted February 2002)

### **Accreditation**

Bryn Athyn College of the New Church is accredited by the Middle States Commission on Higher Education, 3624 Market Street Philadelphia, PA 19104. (267-284-5000)  
The Middle States Commission on Higher Education is an institutional accrediting agency recognized by the U.S. Secretary of Education and the Council for Higher Education Accreditation.

# NOTES

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# Fall Term 2012-13 Undergraduate Course List

As of 3-12-2012. (Independent Study and Internship courses not listed.)

BLOCK	NAME OF COURSE	TITLE	CREDITS	INSTRUCTOR
	Bio122_0	Introduction to Biology: Genetics and Evolution	4	S. L. Cooper
	Bio122_1	Introduction to Biology: Genetics and Evolution	4	S. L. Cooper
	Bio232	Cell Structure and Function	3	A. F. Bryntesson
	Bio490	Biology Seminar I	1	E. R. Potapov
	Bio491	Biology Seminar II	1	S. L. Cooper
	Bus241	Accounting I	3	J. J. Tepper
	Bus257	Principles of Management	3	W. C. Childs
	Chem101	Introduction to Chemistry	4	E. Higgins
	Comm100	Public Speaking for ESL Speakers	3	S. V. Bernhardt
	Comm105+	Public Speaking	3	S. V. Bernhardt
	Comm205+	Intermediate Public Speaking	3	S. V. Bernhardt
	CSci105	Introduction to Information Processing Systems	3	N. Simonetti
	Dan121+	Contemporary Modern Dance	1.5	J. Bostock
	Dan150+	Dance Ensemble	1.5	J. Bostock
	Dan221+	Contemporary Modern Dance	1.5	J. Bostock
	Dan250+	Dance Ensemble	1.5	J. Bostock
	Dan350+	Dance Ensemble	1.5	J. Bostock
	Econ131	Macroeconomics	3	C. W. Lindsay
	Ed217	Language, Literacy, and Numeracy	3	N. G. Phillips
	Ed324	Science and the Young Child	3	A. N. Rose
	Ed331	Seminar in Planning, Management, and Assessment	1.5	A. N. Rose
	Ed401	General Methods and Classroom Management	3	A. N. Rose
	Ed424	Teaching the Letter of the Word (K-8)	1.5	A. N. Rose
	Eng245	Children's Literature	3	T. P. Glenn
	EE198/298	Internship	variable	L. Nash
	FA101+	Aegean to Early Christian	3	M. Gyllenhaal
	FA120+	Metal Work I	3	M. Gyllenhaal
	FA140+	Drawing and Painting	3	M. Gyllenhaal
	FA201+	Aegean to Early Christian	3	M. Gyllenhaal
	FA220+	Metal Work II	3	M. Gyllenhaal
	FA240+	Intermediate Painting	3	M. Gyllenhaal
	FE1-b	Field Experience I: Observation	3	N. G. Phillips
	Geog110	World Regional Geography	3	A. Yardumian
	Hist117_0	The Contemporary World	3	D. G. Rose
	Hist117_1	The Contemporary World	3	D. G. Rose
	Hist217	Nazi Germany	3	S. B. Lawing
	Hist225	History of Colonial America 1607-1763	3	B. D. Henderson
	Hist330	Twentieth-Century American History Seminar	3	D. G. Rose
	Hist401	The Discipline of History II: Theory	3	B. D. Henderson
	ID494	Senior Seminar I	1	S. S. Werner
	Math101_0	Introduction to Quantitative Reasoning	3	N. Simonetti
	Math101_1	Introduction to Quantitative Reasoning	3	C. B. Bongers

+ This course is offered on multiple levels. All students must register on the 100 level.

During the add period (first week of classes), your instructor will work with you to take the course on the appropriate level.

Putting yourself on the waitlist for the upper levels of this course will not aid you in course registration.

The College administration will make every effort to offer the courses listed, but reserves the right to cancel courses if necessary.

\* This course may differ slightly from the block times or locations indicated. Check SONIS for exact meeting times and locations

# Fall Term 2012-13 Undergraduate Course List

As of 3-12-2012. (Independent Study and Internship courses not listed.)

BLOCK	NAME OF COURSE	TITLE	CREDITS	INSTRUCTOR
	Math130	Introduction to Statistics	3	C. W. Lindsay
	Math150	Calculus I	4	C. B. Bongers
	Math230	Linear Algebra	3	N. Simonetti
	Mus113	Music Theory I	3	C. W. Simons
	PE110	Tennis	1.5 non-academic	M. deBaise
	PE127	Kickboxing	1.5 non-academic	R. A. Furry
	PE130	Badminton and Archery	1.5 non-academic	Staff
	Phil/PS220	Political Thought	3	D. A. Synnvestedt
	Phil101	Critical Thinking	3	S. D. Cole
	Phil102	Introduction to Philosophy	3	D. A. Synnvestedt
	Phil102	Introduction to Philosophy	3	Staff
	Phys210	Principles of Physics	4	M. Blair
	PSci212	International Relations	3	R. Hodgell
	Psyc101	Introductory Psychology	3	K. K. Rogers
	Psyc230	Psychology and Spirituality	3	E. G. Hyatt
	Psyc341	Human Development:Adult Altruism	4	S. S. Werner
	Psyc491	Senior Research Seminar	3	E. G. Hyatt
	Rel101_0	Introduction to New Church Doctrines	3	T. P. Glenn
	Rel101_1	Introduction to New Church Doctrines	3	R. J. Silverman
	Rel101_2	Introduction to New Church Doctrines	3	G. R. Schnarr
	Rel101_3	Introduction to New Church Doctrines	3	G. R. Schnarr
	Rel110	Systematic Theology	3	S. I. Frazier
	Rel221	The Histories and Prophets of the Old Testament	3	S. I. Frazier
	Rel272	Advanced Religious Ethics	3	R. J. Silverman
	Rel283	Pre-Christian Church History	3	S. D. Cole
	Rel320	Judgment, Providence, and Human Society	3	S. I. Frazier
	Span101	Introductory Spanish I	3	M. M. Walker
	SpEd312	Collaboration, Assessment, and Management	3	Staff
	Thea110	Introduction to Performance Arts	3	S. V. Bernhardt
	Thea120	Set Design and Production	variable	N. H. Roth
	Writ100	Academic Writing	3	N. G. Phillips
	Writ101_0	Expository Writing	3	R. S. Cooper
	Writ101_1	Expository Writing	3	S. B. Lawing
	Writ101_2	Expository Writing	3	Staff
	Writ202	Writing About Literature	3	S. B. Lawing
	Writ211	Creative Writing	3	A. R. Petro
	Writ311	Advanced Creative Writing Workshop	3	A. R. Petro

+ This course is offered on multiple levels. All students must register on the 100 level.

During the add period (first week of classes), your instructor will work with you to take the course on the appropriate level.

Putting yourself on the waitlist for the upper levels of this course will not aid you in course registration.

## Fall Term 2012-13 Undergraduate Courses

### Biology

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#### **Biology 122. Introduction to Biology: Genetics and Evolution.**

Introduction to principles of genetics and evolution; one of a two-course gateway series that is required for prospective biology majors. Includes Mendelian and non-Mendelian inheritance, quantitative genetics, evolution, natural selection, genetic drift, kin selection, speciation, molecular evolution, and phylogenetic analysis. Course concludes with a survey of the Kingdoms of life. Lab included.

4 Credits.

#### **Biology 232. Cell Structure and Function. (PP)**

Study of the structure-function relationship in cells. Illustration of molecular principles upon which cellular structure and function depend. Foundation course for all other molecular biology courses. Prerequisites: Biology 122 and 123 and Chemistry 110.

3 Credits.

#### **Biology 490. Biology Seminar I.**

Broadened exposure to active areas of biology and reading current literature. Required of seniors in the biology major and open to seniors in the ID major who are studying biology.

1 Credit.

#### **Biology 491. Biology Seminar II.**

Review of current ethical issues in science. Integrity in biological research and publication. Required of seniors in the biology major and open to seniors in the ID major who are studying biology.

1 Credit.

### Business

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#### **Business 241. Accounting I.**

Introduction to basic financial accounting principles, the accounting cycle, the preparation of financial statements, and the use of computer spreadsheets.

3 Credits.

#### **Business 257. Principles of Management.**

Fundamentals of management including the contributions of F.W. Taylor, Peter F. Drucker, and W. Edwards Deming. Special attention to business ethics, leadership, the Quality Movement, and ISO Teamwork 9000 certification. Group projects, business seminars.

3 Credits.

### Chemistry

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#### **Chemistry 101. Introduction to Chemistry.**

Introduction to college chemistry. Course designed with two audiences in mind—students preparing for general chemistry, and non-science majors. No prior chemical knowledge assumed, but mathematical skills equivalent to Mathematics 100 expected. Topics covered include atomic theory, organization of matter, the mole concept, chemical bonding and reactions, phases of matter, and kinetics. Laboratory included.

4 Credits.

### Communication

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#### **Communication 100. Public Speaking for ESL Speakers**

Specific attention to clear pronunciation in English, as well as to building confidence in speaking fluently with English inflection and rhythm. Through public speaking assignments students will draft, practice and deliver speeches to improve their spoken English abilities.

3 Credits.

#### **Communication 105. Public Speaking. (PP)**

Exposure to a variety of speaking situations designed to address inhibitions and develop self-confidence. Class work features impromptu and prepared speeches, as well as oral interpretation of literature and choral speaking. Work on voice and speech improvement as well as command of body language.

3 Credits.

#### **Communication 205. Intermediate Public Speaking (PP)**

Advances student's ability to organize and deliver public presentations of varied kinds, using basic skills covered in Communication 105, but with introduction of more demanding professional techniques, more challenging assignments, and more fine-tuned cultivation of all skills. Some attention will also be given in this class to job interview skills. Prerequisite: Communication 105.

3 Credits.

### Computer Science

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#### **Computer Science 105. Introduction to Information Processing Systems.**

This course includes three major areas of study: how computers and networks work, how data is stored and retrieved in a database, and how software is designed. Students are given practical exposures in all three areas and are challenged to develop and utilize database and programming skills.

3 Credits.

### Dance

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#### **Dance 121/221. Modern Contemporary Dance.**

Beginner (Dance 121) and Intermediate (Dance 221) course in contemporary modern dance. Students develop technique and body awareness, and deeper understanding of modern dance and its place in the art world. Explore the diversity and commonality of human experience and values through the medium of dance. Includes choreography projects and culminates in a public performance at the Fall Dance Concert. Prerequisite for Dance 221: Dance 121 or instructor's permission.

1.5 Credits.

#### **Dance 150/250/350 (EE). Dance Ensemble.**

A dance repertory course for the performing artist. Rehearsing and performing pieces choreographed by faculty and guest artists. Styles may include contemporary, jazz, hip-hop and tap. Each student will be involved in several different pieces of choreography. Course culminates in public performance. Dance 250 includes either collaboration on a choreography project or a written critique project on a specific piece of choreography. Dance 350 involves choreographing and teaching a group piece of choreography to the class to be performed at the end of term concert, as well as a written presentation of the piece. Course may be repeated for credit.

1.5 Credits.

## Economics

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### Economics 131. Macroeconomics. (QR)

Study of the fundamentals of economic analysis with emphasis upon national output, employment, and price levels. Exploration of the monetary and financial system together with problems of economic stability. Special attention given to the role of government fiscal and monetary policy in managing the economy. Consideration of current issues such as economic growth, federal budget deficits, and the role of the Federal Reserve Bank. Course includes student-led seminars.  
3 Credits.

## Education

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### Education 217. Language, Literacy, and Numeracy.

Exploration of theoretical and application-based learning in emergent language, development theories, and language-rich environments. Taken in conjunction with field experience (FE II) which provides numerous opportunities for observation and application of learning. Includes 1 hour of English Language Learner (ELL) instruction.  
3 Credits.

### Education 324. Science and the Young Child.

Designed to help students explore a wide variety of science experiences suitable for use with young children. Students compare theories of cognitive development as they relate to science. Emphasis on the nature of science and how young children perceive and conceptualize the world around them. Taken in conjunction with FE III. Open only to 3rd year students. Prerequisites: Education 128 and 271.  
3 Credits.

### Education 331. Seminar in Planning, Management and Assessment.

Builds on concurrent field experiences to help students create and modify environments and experiences to meet the individual needs of all children. Uses knowledge of how children develop and learn to provide opportunities that support the implementation of curriculum, instructional practices, and assessment. Students adapt strategies and environments to meet the specific needs of children. Prerequisites: Education 128 and 271.  
1.5 Credits.

### \* Education 401. General Methods and Classroom Management.

Readings, discussion and practical assignments in the application of New Church and secular educational practice. Instructional methods and classroom management skills developed through elementary and secondary school observations and assignments. Prerequisite: Education 128 or permission of instructor. This is a field experience course.  
3 Credits.

### Education 424. Teaching the Letter of the Word (K-8).

Study of developmentally appropriate religious instruction K-8. Practice telling stories from Old and New Testaments. Opportunity for learning how to incorporate puppetry into worship services for young children. Taken in conjunction with Education 401. Prerequisite: Education 128.  
1.5 Credits.

### Field Experience I-b: Observation.

Field experience (FE) where students are observers in specific classrooms. This FE is taken in conjunction with courses offered in fall term and includes 15 hours of dedicated special education observation towards certification. Students will be assigned to a classroom for guided observation experience that directly relates to course work during the 2nd year. Not open to non-majors. Co-requisites: Education 217, 324, 331 and Special Education 312 or Education 271, 324, 331 and Special Education 312.  
3 Credits.

### Special Education 312. Collaboration, Assessment, and Management.

Competencies and skills needed to accommodate and adapt instruction for students with disabilities in an inclusive setting. Emphasis on the need for general educators, special educators, and families to share the goals, decisions, classroom instruction, and responsibility for students, assessment of student learning, problem solving, and classroom management. Taken in conjunction with FE II. Prerequisites: Special Education 211 and permission of area head.  
3 Credits.

## English

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### English 245. Children's Literature.

Study of the textual characteristics of children's literature and the role this literature has played historically. Picture books, readers, stories, and adventure novels. May include authors such as Caxton, Grimm, MacDonald, Milne, and New Church writers. Written work includes projects and a children's story reflecting the trends studied. Prerequisite: Writing 101.  
3 Credits.

## Experiential Education

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### Experiential Education 198/298. Internship. (EE)

Proposals must be approved by the director of experiential education. See Experiential Education section in Bryn Athyn College Programs and Organization for policies governing internships. Course may be repeated for academic credit. By arrangement.  
Credit variable.

## Fine Arts

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### Fine Arts 101. Aegean to Early Christian. (IL)

Introductory survey of architecture, sculpture, and painting covering Aegean, Greek, Etruscan, Roman, Early Christian, and Byzantine art. Study of works from Glencairn's collection. Trip to the Metropolitan Museum of Art in New York.  
3 Credits.

### \*Fine Arts 120. Metal Work I.

Introduction to basic metalworking techniques in copper, brass, and silver including sawing, piercing, embossing, raising a bowl, cold joining, soldering, and setting cabochon stones. Inspired by the magnificent examples in Glencairn.  
3 Credits.

### \*Fine Arts 140. Drawing and Painting.

Introduction to basic techniques in drawing and painting. Oil painting project. Discussion of the development of the history of painting.  
3 Credits.

### Fine Arts 201. Aegean to Early Christian. (IL)

Introductory survey of architecture, sculpture, and painting covering Aegean, Greek, Etruscan, Roman, Early Christian, and Byzantine art. Study of works from Glencairn's collection. Trip

to the Metropolitan Museum of Art in New York.

3 Credits.

### \*Fine Arts 220. Metal Work II.

Continuation of FA 120 introducing new techniques in copper, silver, gold foil, cloisonne, and the setting of faceted stones. Inspired by the magnificent examples at Glencairn. Prerequisite: Fine Arts 120.

3 Credits.

### \*Fine Arts 240. Intermediate Painting.

Introduction of more materials and techniques as well as more advanced use of concepts learned in Fine Arts 140. Prerequisite: Fine Arts 140.

3 Credits.

## Geography

### Geography 110. World Regional Geography.

Study of world regions with emphasis on the geographic relationships—physical and cultural—that give them their character. Emphasizes the political and cultural formations of human societies. Who lives where? Which languages are spoken where? How did the nations of the world arrive at their present borders? Why do some parts of the world see constant conflict; why are some regions of disputed ownership? Why are some places more developed than others? Focus on familiarity with map locations.

3 Credits.

## History

### History 117. The Contemporary World.

Examination of the post-World War II era and its effect on societies around the globe. Includes survey of political and economic developments in the different regions of the world and thematic approach to the contemporary global situation. Current events discussions.

3 Credits.

### History 217. Nazi Germany

Examination of the rise and fall of Nazi Germany under Adolf Hitler from the ashes of World War I, through the battles of World War II, to the Allied forces' defeat of Germany in 1945. Consideration of the historical, social, economic, and political factors that contributed to the Nazi party's rise to power. Particular focus on the impact on German society, individual choice, and philosophies underpinning Nazism: fascism, cult of personality, eugenics, anti-semitism, social darwinism.

3 Credits.

### History 225. History of Colonial America 1607-1763. (W)

Examination of the establishment and development of the British colonies in North America through a topical exploration of the religious, social, political, and economic framework of several key colonies and the nature of the evolving strain between the colonies and England. Particular attention given to the distinct founding goals and values of each colony as well as the evolution of unifying American identity by the middle of the 18th century. Special attention to analyzing historical argument and developing skills in historical writing through article reviews.

3 Credits.

### History 330. Twentieth-Century American History Seminar.

Selected topics affecting twentieth-century American society. Focus on economic, social, and political change in the post-World War II era.

3 Credits.

### History 401. The Discipline of History II: Theory.

The second course in a three-part capstone sequence for

history majors. Explores major schools of historical thought through the framework of how each school answers three questions: 1) why study history? 2) what is history? and 3) how is history studied? Compares and contrasts New Church concepts with those of the major schools of historical thought. Each student examines in depth a specific New Church concept related to the student's capstone project. Prerequisites: Religion 101 or Religion 110 and at least 3 credits in history. Religion 210 or Religion 320 strongly recommended.

3 Credits.

## Independent Studies

In addition to the listed courses, all areas offer independent studies numbered 299 or 399 with variable credit. The purpose of an independent study is to allow well-qualified students to study beyond the regularly offered courses. Students who undertake independent studies must be able to work independently between meetings with the instructor and have completed a minimum of 33 credits with a GPA of at least 2.70. Planning ahead is necessary: independent study proposals, syllabi, and required registration paperwork must be completed well before the term in which the study is to occur. Full details can be found in the undergraduate student handbook.

## Interdisciplinary Studies

### Interdisciplinary Studies 494. Senior Seminar 1.

For seniors in the Interdisciplinary Major. Focus on applying Swedenborgian principles, such as duties of the individual to society, and critical analysis of ethics in various disciplines. Pass/Fail. Co-requisite or Prerequisite: ID 390.

1 Credit.

## Mathematics

### Mathematics 101. Introduction to Quantitative Reasoning. (QR)

Introduction to mathematical concepts to improve basic skills in computation, algebra, graphing, and quantitative applications. This course prepares students for other mathematics courses and courses involving quantitative reasoning. Topics include linear modeling, units of measure and currency, and statistical reasoning.

3 Credits.

### Mathematics 130. Introduction to Statistics. (QR)

Introduction to data analysis, random variables and their distributions, and statistical inference. Statistical software used for graphing and data analysis. Independent research project. Recommended for students of business or the social and natural sciences. Prerequisite: Mathematics 101 or appropriate score on placement test.

3 Credits.

### Mathematics 150. Calculus I.

Limits, differentiation, maxima-minima, integration with applications, transcendental functions. Because of duplication of subject matter, students may not receive credit for both Mathematics 140 and Mathematics 150. Prerequisite: Mathematics 125 or appropriate score on placement test.

4 Credits.

### Mathematics 230. Linear Algebra. (QR)

Vector spaces, matrices, linear transformations, systems of linear equations, determinants, and eigenvalue problems. Introduction to mathematical proofs. Prerequisite: Mathematics 125 or Mathematics 150.

3 Credits.

## Music

### Music 113. Music Theory I. (QR)

Study of music theory and harmony, progressing from basic

notation to advanced musical structures. Includes styles from the 18th-20th centuries.

3 Credits.

## Philosophy

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### Philosophy 101. Critical Thinking.

Development of students' reasoning skills through analysis and evaluation of arguments. Diagraming arguments, identifying mistakes in reasoning, and writing arguments. Emphasis on issues encountered in everyday experience and in courses across the curriculum, primarily through classical deductive logic.

3 Credits.

### Philosophy 102. Introduction to Philosophy. (Worldview)

Survey of some major philosophers and theories in metaphysics, epistemology, and the philosophy of religion.

3 Credits.

### Philosophy/Political Science 220. Political Thought. (Civil)

A consideration of political thinkers and theories, both ancient and modern, along with perennial issues in politics, such as justice, authority, liberty, order, equality, power, law, and forms of government. Strongly recommended: Philosophy 101.

Prerequisite: Philosophy 102.

3 Credits.

## Physical Education

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### Physical Education 110. Tennis.

Instruction in basic and intermediate individual skills. Practice in singles and doubles tennis play, including game strategy, rules, and etiquette. Minimum of 8 students. Course may be repeated for credit.

1.5 Credits (non-academic).

### Physical Education 127. Kickboxing.

Basic instruction in a power-punching, non-choreographed martial arts workout. Emphasis on proper technique and execution of skills. Each class includes a total-body warm-up, a cardiovascular workout, strength training, and cool-down/stretching period. Adaptable to any lifestyle, body type, age, or fitness level. Course may be repeated for credit.

1.5 Credits (non-academic).

### Physical Education 130. Badminton and Archery.

Basic instruction in skill techniques, rules, strategies, and competition in both badminton (5 weeks) and archery (5 weeks). Enrollment limited to eighteen students. Course may be repeated for credit.

1.5 Credits (non-academic).

## Physics

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### Physics 210. Principles of Physics.

Calculus-based course providing an introduction to rigid body mechanics, gravity, waves, and heat. Problem and laboratory assignments complement the lectures. Co-requisite or Prerequisite: Mathematics 150. Laboratory included.

4 Credits.

## Political Science

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### Political Science 212. International Relations.

Examination of historical and theoretical foundations for thinking about international relations through a consideration of the wide range of themes and events that mark the interaction of human societies. Topics include: war, trade, globaliza-

tion, international law, intervention, nuclear proliferation, and terrorism. Prerequisite: Political Science 101, History 117, or instructor permission.

3 Credits.

### Philosophy/Political Science 220. Political Thought. (Civil)

A consideration of political thinkers and theories, both ancient and modern, along with perennial issues in politics, such as justice, authority, liberty, order, equality, power, law, and forms of government. Strongly recommended: Philosophy 101.

Prerequisite: Philosophy 102.

3 Credits.

## Psychology

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### Psychology 101. Introductory Psychology.

Introduction to basic constructs of psychology including scientific methodology, the brain, consciousness, memory, identity, learning, motivation, intelligence, and the nature of mental illness. Relevant New Church doctrines analyzed and compared to secular theories of psychology.

3 Credits.

### Psychology 230. Psychology and Spirituality.

Examinations of psychological research and theories about people's attitudes, motivations, behaviors, thoughts and feelings in a variety of spiritual settings. Investigations of how therapists address spiritual matters in counseling sessions. Consideration of the psychological experience of the Swedenborgian belief in the afterlife, regeneration, charity, conscience, and the relationship between God and humans.

Prerequisite: Psychology 101.

3 Credits.

### Psychology 341. Human Development: Adult Altruism. (EE, Moral)

Exploration of psychological theories about moral development, character strengths, altruism, optimism, flourishing, flow, generosity and spiritual maturity. Major emphasis on the states of adults over 18 years of age. Examination of Swedenborgian doctrinal principles regarding adult human development: regeneration, opening of the rational mind, developing a new will, acquiring wisdom, and leading a life of useful service to the neighbor. Ethical reasoning skills emphasized.

Prerequisite: Two psychology courses. Laboratory included.

4 Credits.

### Psychology 491. Senior Research Seminar.

Capstone for seniors in the psychology major. Independent work on Senior Essay guided by an advisor. Information Literacy and Writing Skills emphasized.

3 Credits.

## Religion

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### Religion 101. Introduction to New Church Doctrines. (Doctrinal)

Foundation course. Basic survey of the doctrines of the New Church. Presupposes little or no formal background in the study of the doctrines.

3 Credits.

### Religion 110. Introduction to Systematic Theology. (Doctrinal)

A comprehensive overview of New Church doctrine and a comparison with the doctrine of other Christian denomina-

tions. Emphasis on core principles such as faith, charity, forgiveness, repentance, regeneration, the Word, the Lord, and the life after death. Presupposes a moderate familiarity with New Church teachings.

3 Credits.

### **Religion 221. The Histories and Prophets of the Old Testament. (Scriptural)**

Intensive study of Joshua to 2 Kings, Psalms, and Prophets viewed in their historical and cultural context. Special attention to prophecies of the Lord's advent in Psalms and the Prophets.

3 Credits.

### **Religion 272. Advanced Religious Ethics. (Applied)**

Study of the Ten Commandments as they appear in the religious writings of Hinduism, Buddhism, Judaism, Christianity, Islam, and other world faiths. Study of the literal and spiritual level of each commandment using selected texts from sacred and secular sources. Students encouraged to draw connections between the various levels of the commandments and their own lives.

3 Credits.

### **Religion 283. Pre-Christian Church History. (Comparative)**

Survey of the history of pre-Christian religions emphasizing the rise, development, and fall of religions from ancient times to Biblical Israel. Topics include the character of revelation and the response to it in each successive religion, the origin of mankind, the origin of evil, and the rise of monogamy and polygamy, of monotheism and polytheism, and of idolatry in the ancient world.

3 Credits.

### **Religion 320. Judgment, Providence, and Human Society. (Applied)**

Study of the spiritual process of judgement, both personal and societal, and the roles human choice and Divine Providence play in judgement. Attention given to the role of judgement in human history, the judgements that have occurred, and the changes judgement brings. The books of the Heavenly Doctrines, Last Judgement and Continuation of the Last Judgement will be read in full.

3 Credits.

## **Spanish**

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### **Spanish 101: Introductory Spanish I**

Introduction to the Spanish language for students without previous experience. Emphasis is placed on communication and the foundations of Spanish grammar. Spanish is the language of instruction.

3 Credits.

## **Theater**

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### **Theater 110. Introduction to Performance Arts.**

Study and practice of elementary acting, movement, and voice skills. Students examine verbal and nonverbal communication in solo and group performance, along with scene and script analysis. Improvisation and work on studied pieces, leading to a final performance. Study of the history and philosophy of performance styles from the ancient Greeks to the Elizabethans and modern theorists (Stanislavski, Artaud, Brecht, et. al.).

3 Credits.

### **Theater 120. Set Design and Production. (EE)**

Hands-on introduction to scene design and production. Overview of the elements of scene design with emphasis on the process of designing a set. Research, sketching, drafting, model building, color application, and actual set construction within a budget. Students required to understand and use all of the equipment in the theater as it pertains to the design and will work with the play's director using the Mitchell Performing Arts Center as the classroom and will participate as a member of the run-crew for the winter Bryn Athyn College production. Final project involves the construction of the actual set. Course may be repeated for credit.

Credit variable.

## **Writing**

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### **Writing 100. Academic Writing. (W)**

This course supports students in developing academic writing skills in preparation for completing Writing 101. The course uses materials from Writing 101 as well as the Descriptive Review process (Himley & Carini) and the Inquiry method (Cochran-Smith & Lytle) to identify, evaluate, and develop the practices of effective collegiate writers.

3 Credits.

### **Writing 101. Expository Writing. (W, IL)**

Development of skills in recognizing, evaluation, and writing about ideas drawn from readings in a variety of disciplines. Five to seven analytic essays. Emphases on rhetorical argument, revision strategies, and information literacy. Formal instruction about research skills (locating and evaluating secondary sources, and integrating, citing, and documenting these sources). Articulation, development, and support of thesis. Required of first year students. Non-native speakers of English take Writing 101 sophomore year. Successful completion of the IL components of Wr 101 and Wr 202 fulfills one of the Core IL requirements.

3 Credits.

### **Writing 202. Writing About Literature. (W, IL)**

Analytic study of literary genres, with emphases on writing and research skills. Assumes basic skills in writing and information literacy covered in Writing 101. Three papers, including substantial revision. One longer paper requires 2+ secondary sources and student evaluation of sources and research process. Individual conferences with instructor to discuss student's writing, research, and implementation of secondary sources. Required of sophomores. Prerequisite: Writing 101. Successful completion of the IL components of Wr 101 and Wr 202 fulfills one of the Core IL requirements.

3 Credits.

### **Writing 211. Creative Writing. (W)**

Workshop approach to various forms of creative writing. Individual conferences in addition to class meetings. Class selection and publication of an anthology of student writing. Prerequisite: Grade of B or better in Writing 101, or permission of instructor.

3 Credits.

### **Writing 311. Advanced Creative Writing Workshop. (W)**

Workshop for in-depth study of the craft of writing. Students will concentrate on one genre (poetry, fiction, or drama) and produce a polished portfolio of their work. Workshop sessions provide opportunity for rigorous and supportive feedback on works in progress with the goal of helping class members produce their best writing. Prerequisite: Writing 211 or 213.

3 Credits.



# Winter Term 2012-13 Undergraduate Course List

As of 3-12-2012. (Independent Study and Internship courses not listed.)

BLOCK	NAME OF COURSE	TITLE	CREDITS	INSTRUCTOR
	Bio123_0	Introduction to Biology: Molecular Biology	4	A. F. Bryntesson
	Bio123_1	Introduction to Biology: Molecular Biology	4	A. F. Bryntesson
	Bio210	Human Anatomy and Physiology I	4	Staff
	Bio495	Senior Project	3	S. L. Cooper
	Bus242	Accounting II	3	C. Waltrich
	Bus351	Introduction to Business Law	3	J. C. Allen
	Chem110	General Chemistry I	4	A. J. Bedford
	Comm105_0+	Public Speaking	3	S. V. Bernhardt
	Comm105_1+	Public Speaking	3	S. V. Bernhardt
	Comm205_0+	Intermediate Public Speaking	3	S. V. Bernhardt
	Comm205_1+	Intermediate Public Speaking	3	S. V. Bernhardt
	CSci180	Structured Programming	3	N. Simonetti
	Dan122+	Jazz and Hip-Hop Dance	1.5	J. Bostock
	Dan150+	Dance Ensemble	1.5	J. Bostock
	Dan222+	Jazz and Hip-Hop Dance	1.5	J. Bostock
	Dan250+	Dance Ensemble	1.5	J. Bostock
	Dan350+	Dance Ensemble	1.5	J. Bostock
	Ed128	Introduction to the Theory and Practice of Education	3	A. N. Rose
	Ed218	Literacy Instruction for Young Learners	3	N. G. Phillips
	Ed322	Social Studies and the Young Child	3	N. G. Phillips
	Ed332	Play, Movement, and Health	3	A. N. Rose
	Eng105	Introductory Literature Seminar	3	S. V. Bernhardt
	Eng218	American Literature I	3	S. Shaw
	Eng330	Elizabethan Literature	3	T. P. Glenn
	Eng365	Henry James Seminar: James, Edith Wharton, and the Turn of the Century	3	S. Shaw
	Eng490	English Major Writing Project	3	S. Shaw
	ESci110	Introduction to Physical Geology and Meteorology	4	E. R. Potapov
	EE100	Service Trip	1	L. Nash
	EE198/298	Internship	variable	L. Nash
	FA102+	Renaissance and Baroque Art	3	M. Gyllenhaal
	FA120+	Metal Work I	3	M. Gyllenhaal
	FA128	Glass Painting	3	K. Leap
	FA130+	Ceramics	3	C. Orthwein
	FA202+	Renaissance and Baroque Art	3	M. Gyllenhaal
	FA212	Medieval Art	3	M. Gyllenhaal
	FA220+	Metal Work II	3	M. Gyllenhaal
	FA230+	Intermediate Ceramics	3	C. Orthwein
	FE2	Field Experience II: Exploration	3	N. G. Phillips
	Grk250	Readings in New Testament I	3	W. E. Closterman
	Heb110	Beginning Hebrew I	3	J. C. Glenn
	Hist115_0	The Medieval World	3	B. D. Henderson
	Hist115_1	The Medieval World	3	B. D. Henderson
	Hist240	Ancient Israel	3	W. E. Closterman
	Hist402	Senior Seminar	3	W. E. Closterman

+ This course is offered on multiple levels. All students must register on the 100 level.

The College administration will make every effort to offer the courses listed, but reserves the right to cancel courses if necessary.

\* This course may differ slightly from the block times or locations indicated. Check SONIS for exact meeting times and locations

# Winter Term 2012-13 Undergraduate Course List

As of 3-12-2012. (Independent Study and Internship courses not listed.)

BLOCK	NAME OF COURSE	TITLE	CREDITS	INSTRUCTOR
	ID495	Senior Essay	3	C. W. Lindsay
	Lat250	Swedenborg's Theological Latin I	3	S. I. Frazier
	Lead100	Social Entrepreneurship in Action	1.5	L. Nash
	Math101	Introduction to Quantitative Reasoning	3	A. N. Rose
	Math115	College Algebra	3	C. B. Bongers
	Math151	Calculus II	4	N. Simonetti
	Math330	Introduction to Probability Theory	3	N. Simonetti
	Mus100	College Chorale	1	C. W. Simons
	PE112	Competitive Team Sports	1.5 non-academic	H. J. Bryntesson
	PE120	Physical Fitness	1.5 non-academic	H. J. Bryntesson
	PE133	Introduction to Anusara Yoga	1.5 non-academic	J. Durand
	Phil102_0	Introduction to Philosophy	3	D. A. Synnvestvedt
	Phil102_1	Introduction to Philosophy	3	D. A. Synnvestvedt
	Phil111	Introduction to Moral Philosophy	3	Staff
	Phil321	Swedenborg's Philosophy	3	S. D. Cole
	Phys211	Principles of Physics II	4	M. Blair
	PSci101_0	Introduction to Politics and Governance	3	D. G. Rose
	Psci101_1	Introduction to Politics and Governance	3	R. Hodgell
	PSci210	American Government and Politics	3	D. G. Rose
	Psyc101	Introductory Psychology	3	E. G. Hyatt
	Psyc220	Cognitive Psychology	3	E. G. Hyatt
	Pscy307	Psychological Measurement	3	E. G. Hyatt
	Psyc401	Senior Seminar	1	E. G. Hyatt
	Rel101	Introduction to New Church Doctrines	3	R. J. Silverman
	Rel115	Introduction to New Church Doctrine on Life after Death	3	G. R. Schnarr
	Rel123	Introduction to the Old and New Testaments	3	G. R. Schnarr
	Rel125	The Holy Scripture	3	S. D. Cole
	Rel205	God, Man, and Creation	3	S. I. Frazier
	Rel222	The Gospels	3	S. I. Frazier
	Rel273	Religion and Marriage	3	R. J. Silverman
	Rel284	Christian Church History	3	A. M. T. Dibb
	Rel310	Studies in Arcana Coelestia	3	T. P. Glenn
	Rel311	Continuation of Studies in Arcana Coelestia	3	G. H. Odhner
	Soc340	Seminar in the Sociology of Religion	3	J. K. Williams-Hogan
	Span102	Introductory Spanish II	3	M. M. Walker
	SpEd211	Introduction to Special Education	3	S. Jin Wong
	SpEd313	Collaboration and Best Practice	3	K. K. Rogers
	Thea130-1	Set Design and Production	1	N. Haus-Roth
	Thea130-2	Set Design and Production	2	N. Haus-Roth
	Thea130-3	Set Design and Production	3	N. Haus-Roth
	Thea150_0	Dramatic Performance	variable	A. R. Petro
	Thea150-1	Dramatic Performance	variable	A. R. Petro
	Writ101_1	Expository Writing	3	R. S. Cooper
	Writ101_2	Expository Writing	3	R. S. Cooper
	Writ202_0	Writing About Literature	3	S. B. Lawing
	Writ202_1	Writing About Literature	3	S. B. Lawing

The College administration will make every effort to offer the courses listed, but reserves the right to cancel courses if necessary.

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# Winter Term 2012-13 Undergraduate Courses

## Biology

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### Biology 123. Introduction to Biology: Molecular Biology.

The second of a two-course gateway series that is required for prospective biology majors. Biological concepts are illustrated by means of molecular biology, from storage and maintenance of biological information necessary for life to its expression in the organism to diverse applications in health, medicine and food production. Topics include a general introduction to the cell and its components, cell division and the cell cycle, DNA structure and synthesis, chromosome structure and organization, mutations and their repair, genetic engineering, transcription and its regulation, the genetic code, and translation of genetic information to proteins. Lab included. Prerequisite: Chemistry 101L or High School Chemistry.

4 Credits.

### Biology 210. Human Anatomy and Physiology I.

First trimester of a two-trimester sequence dealing with the structure and function of the human body and mechanisms for maintaining homeostasis within it. Includes the study of cells, tissues, fluid and electrolyte balance, acid-base balance and integumentary, skeletal, muscular and nervous systems. Identification of anatomical structures using a "virtual" cadaver will be required in the laboratory. Prerequisites: High School Chemistry and Biology 122 and 123, with a grade of "C" or better in each. Laboratory included.

4 Credits.

### Biology 495. Senior Project.

Independent research project or scholarly study under the supervision of faculty members. Topic chosen by mutual agreement between student and supervisor. Limited to and required of biology majors. Senior project proposals are required in Spring of junior year.

3 Credits.

## Business

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### Business 242. Accounting II.

Interpretation of financial statements and the use of accounting information as a tool for making business management decisions. Use of computer spreadsheets emphasized. Prerequisite: Business 241.

3 Credits.

### Business 351. Introduction to Business Law.

Legal enforcement of obligations and the function of law in modern business. The establishment and enforcement of contractual obligations. The establishment of an agency relationship and its effect on third parties.

3 Credits.

## Chemistry

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### Chemistry 110. General Chemistry I.

First year chemistry course for science majors. Topics include atomic structure, quantum mechanics, electron configuration, chemical bonding, molecular geometry, the periodic table, classifications of matter, stoichiometry, reactions in solution, gases, and thermochemistry. First half of sequence with Chemistry 111. Prerequisite: One year of high school chemistry with a grade of C or better or Chemistry 101 or Earth Science 110. Laboratory included.

4 Credits.

## Communication

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### Communication 105. Public Speaking. (PP)

Exposure to a variety of speaking situations designed to address inhibitions and develop self-confidence. Class work features impromptu and prepared speeches, as well as oral interpretation of literature and choral speaking. Work on voice and speech improvement as well as command of body language.

3 Credits.

### Communication 205. Intermediate Public Speaking (PP)

Advances student's ability to organize and deliver public presentations of varied kinds, using basic skills covered in Communication 105, but with introduction of more demanding professional techniques, more challenging assignments, and more fine-tuned cultivation of all skills. Some attention will also be given in this class to job interview skills. Prerequisite: Communication 105.

3 Credits.

## Computer Science

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### Computer Science 180. Structured Programming. (QR)

Language elements and applications. Algorithm development. Introduction to data structures. Prerequisite: Some experience with programming or permission of instructor.

3 Credits.

## Dance

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### Dance 122/222. Jazz and Hip-Hop Dance.

Beginner (Dance 122) and Intermediate (Dance 222) course in Jazz dance technique with an emphasis on Hip-Hop, an urban style of dance. Students learn jazz dance technique and develop creativity, flexibility, coordination, and rhythm while dancing to fun, popular music. Includes choreography projects and culminates in a public performance at the Winter Dance Concert. Prerequisite for Dance 222: Dance 122 or instructor's permission.

1.5 Credits.

### Dance 150/250/350 (EE). Dance Ensemble.

A dance repertory course for the performing artist. Rehearsing and performing pieces choreographed by faculty and guest artists. Styles may include contemporary, jazz, hip-hop and tap. Each student will be involved in several different pieces of choreography. Course culminates in public performance. Dance 250 includes either collaboration on a choreography project or a written critique project on a specific piece of choreography. Dance 350 involves choreographing and teaching a group piece of choreography to the class to be performed at the end of term concert, as well as a written presentation of the piece. Course may be repeated for credit.

1.5 Credits.

## Education

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### Education 128. Introduction to the Theory and Practice of Education.

Aspects of a career in teaching are explored within the context of New Church and secular educational philosophy. General topics covered include: teaching as a profession, the learner, basic educational philosophies/models, and designing and implementing instruction. Students are required to observe in either an elementary or secondary school New Church classroom and participate in at least three field trips to other schools. Prerequisite for many education courses. Experiential learning opportunities are available.

3 Credits.

**Education 218. Literacy Instruction for Young Learners I.**

Exposes students to theory and practice in literacy instruction, pre-kindergarten through grade 4. Emphasis on emergent literacy, techniques and skills of teaching reading and language arts, evaluation and assessment. Taken in conjunction with FE III. Includes 1 hour of ELL. Prerequisite: Education 128 or Education 217.

3 Credits.

**Education 322. Social Studies and the Young Child.**

Emphasis on the skills and attitudes taught within social studies and developed in early childhood programs. Special attention to state standards as well as New Church competencies through the study of units, multicultural experiences, and the methods and materials for teaching social studies. Taken in conjunction with FE II. Open only to 3rd year students. Prerequisites: Education 128 and 271.

3 Credits.

**Education 332. Play, Movement, and Health.**

Considers current research reflecting the latest developments in health, safety, nutrition and the role of play in learning. Emphasis on the responsibilities of a caregiver who works with children in the developmental stages of imagination. Prerequisites: Education 128 and 271.

1.5 Credits.

**Field Experience II: Exploration.**

A candidate works under the teacher's supervision during individual tutorials or with a small group of students. Activities may include reading, math, and other subject matter experiences, tutoring children, small group conversations, outdoor play, and monitoring classroom routines and procedures. Includes 15 hours practice with special needs children. FE II is taken in conjunction with all winter term of the third year and provides students with 120 hours of observation and practice teaching. FE II occurs every Tuesday and Thursday of the term. Not open to non-majors; 3rd year students only. Co-requisites: Education 218, 322, 332 or Education 272, 322, 332; Special Education 313.

3 Credits.

**Special Education 211. Introduction to Special Education.**

Introduction to the types of learners who will need instruction and nurturing in the classroom. Every learner is unique, and some are unique in ways that make conventional classroom processes unworkable. Exposure to methods and materials that may make an approach to these students a joyful discovery of the fascinating range of learning styles that are available to human beings. Prerequisite: Education 128.

3 Credits.

**Special Education 313. Collaboration and Best Practice.**

Builds on the foundation of the collaborative model and classroom management to give instruction to students with disabilities and to employ best practices in literacy-rich environments. Special attention to levels of interactivity and modifications to meet individual needs. Current best practices and research-based methodologies of curricular adaptations, including technology-based accommodations and modifications. Taken in conjunction with FE III. Prerequisites: Special Education 211 and permission of area head.

3 Credits.

**Experiential Education****Experiential Education 100. Service Trip. (EE)**

College sponsored trip. Minimum of four days on location in a college-prescribed service. Students submit learning plan to the director of experiential education prior to the trip and

a reflection component upon completion. Special and often substantial charge to defray expenses may be necessary for enrollment. Pass/Fail.

1 Credit (non-academic).

**Experiential Education 198/298. Internship. (EE)**

Proposals must be approved by the director of experiential education. See Experiential Education section in Bryn Athyn College Programs and Organization for policies governing internships. Course may be repeated for academic credit. By arrangement.

Credit variable.

**English****English 105. Introductory Literature Seminar**

Introduction to college-level reading and analysis of literature. Emphasis on responding to literary media. Focus on engagement with a particular theme in stories, poems, plays, and/or films. Literary content will differ from year to year, depending on instructor and current interest.

3 Credits.

**English 218. American Literature I.**

Chronological survey of 19th-Century American writers up to the rise of realism. Emphasis given to major figures in the American Renaissance: Hawthorne, Poe, Dickinson, Melville, Emerson, Thoreau, Whitman. Some lesser known writers included. Prerequisite: Writing 101.

3 Credits.

**English 330. Elizabethan Literature.**

Literary renaissance in England, together with its backgrounds and influence. Focus on representative writers in one of the major genres. Seminar presentations required. Prerequisite: Any 200-level English course.

3 Credits.

**English 365. Henry James Seminar: James, Edith Wharton, and the Turn of the Century.**

Exploration of James's work at the end of the nineteenth century and beginning of the twentieth, his social literary friendship with Wharton and her 'set,' and his struggle with the modernization of American culture, especially literature and women's roles. Emphasis on Jamesian themes of marriage, the reach of consciousness, art in the marketplace, innocence and experience, and the juxtaposition of cultures. Swedenborgian threads traced. Reading load demanding. Prerequisite: Any 200-level English course.

3 Credits.

**English 490. English Major Writing Project.**

Writing project for the writing track of the English major. Independent work in criticism, fiction, or poetry, guided by an advisor. Involves student over a two-term period of the senior year.

3 Credits.

**Earth Science****Earth Science 110. Introduction to Physical Geology and Meteorology.**

Introduction to mineralogy; igneous, sedimentary, and metamorphic petrology; and structural geology. The evolution of continents. The atmosphere and atmospheric motion. Laboratory included.

4 Credits.

**Fine Arts****Fine Arts 102. Renaissance and Baroque Art. (IL)**

Introductory survey of the architecture, sculpture, and painting covering Renaissance, Reformation, and Counter-Reformation art. Includes artists such as Vermeer, Rembrandt, Michelangelo, da Vinci, Bernini, Caravaggio, and others. Trip to Metropolitan Museum of Art in New York.

3 Credits.

#### **\*Fine Arts 120. Metal Work I.**

Introduction to basic metalworking techniques in copper, brass, and silver including sawing, piercing, embossing, raising a bowl, cold joining, soldering, and setting cabochon stones. Inspired by the magnificent examples in Glencairn.

3 Credits.

#### **Fine Arts 128. Stained Glass Painting.**

Introduction to traditional and innovative techniques in glass painting. Inspired by the magnificent examples in Glencairn and Bryn Athyn Cathedral.

3 Credits.

#### **\*Fine Arts 130. Ceramics.**

Introduction to clay work including hand building, wheel throwing, slip casting, glazing, and firing processes. Also form function and representation.

3 Credits.

#### **Fine Arts 202. Renaissance and Baroque Art. (IL)**

Introductory survey of the architecture, sculpture, and painting covering Renaissance, Reformation, and Counter-Reformation art. Includes artists such as Vermeer, Rembrandt, Michelangelo, da Vinci, Bernini, Caravaggio, and others. Trip to Metropolitan Museum of Art in New York.

3 Credits.

#### **Fine Arts 212. Medieval Art.**

Using one of the finest collections of medieval art in the world (Glencairn Museum), this course surveys the art of Medieval Europe, particularly that of France, focusing on the evolution of sacred imagery, and how it affects and shapes the attitudes of the period. Highlights include: Early Christian sculpture, Celtic manuscripts, Romanesque sculpture, and Gothic cathedrals. Students solve problems posed by some of Glencairn's pieces and develop a research topic related to a piece of their choice.

3 Credits.

#### **\*Fine Arts 220. Metal Work II.**

Continuation of FA 120 introducing new techniques in copper, silver, gold foil, cloisonne, and the setting of faceted stones. Inspired by the magnificent examples at Glencairn. Prerequisite: Fine Arts 120.

3 Credits.

#### **\*Fine Arts 230. Intermediate Ceramics.**

Further development of individual skills and sensitivities in the medium of clay. Prerequisite: Fine Arts 130.

3 Credits.

## **Greek**

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#### **Greek 250. Readings in New Testament I.**

Review of the Greek grammar, followed by translation of the Apocalypse and the Gospel of John. Prerequisite: Greek 111.

3 Credits.

## **Hebrew**

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#### **Hebrew 110. Beginning Hebrew I.**

Introduction to the language of the Old Testament. A study of

the basic forms and syntax of Hebrew grammar.

3 Credits.

## **History**

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#### **History 115. The Medieval World.**

Historical survey of medieval Europe from the fall of Rome through the fourteenth century. Particular focus on religion and the role of the church throughout the middle ages. Use of primary texts and Glencairn Museum's collections. Students participate in Glencairn's Medieval Festival.

3 Credits.

#### **History 240. Ancient Israel.**

Study of the ancient Israelites from the time of their formation as a social group through the destruction of the temple in Jerusalem by the Romans. Emphasis on government, religion, intercultural relationships between Israel and its neighbors, and the context of the Old Testament.

3 Credits.

#### **History 402. Senior Seminar.**

The last course in a three-part capstone sequence for history majors. Students conduct a major research and writing project. Includes public presentation of the results of the project. The seminar setting provides instruction in related skills and offers a forum for support and the exchange of ideas. Prerequisites: History 301 and History 401.

3 Credits.

## **Independent Studies**

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In addition to the listed courses, all areas offer independent studies numbered 299 or 399 with variable credit. The purpose of an independent study is to allow well-qualified students to study beyond the regularly offered courses. Students who undertake independent studies must be able to work independently between meetings with the instructor and have completed a minimum of 33 credits with a GPA of at least 2.70. Planning ahead is necessary: independent study proposals, syllabi, and required registration paperwork must be completed well before the term in which the study is to occur. Full details can be found in the undergraduate student handbook.

## **Interdisciplinary Studies**

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#### **Interdisciplinary Studies 495. Senior Essay.**

Capstone experience for the interdisciplinary major. Research project culminating in the senior essay. Topic chosen by mutual agreement between student and supervisor. Limited to and required of interdisciplinary majors. Prerequisites: ID 390 & 494.

3 Credits.

## **Latin**

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#### **Latin 250. Swedenborg's Theological Latin I.**

Intensive review of Beginning Latin, followed by varied readings in the Writings. Various styles of writing distinguished (expository, philosophical, descriptive, narrative). Special attention to non-Classical constructions. Prerequisites: Latin 110 and 111 or approval of the instructor.

3 Credits.

## **Leadership**

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#### **Leadership 100. Social Entrepreneurship in Action. (EE)**

This is a 1.5 credit Experiential Education course. The course teaches students the tools necessary for a successful student led social enterprise. Students analyze their leadership abili-

ties and target an area to strengthen. Students set measurable goals that stretch their capabilities through a Leadership service project in partnership with the Feel Good organization. Students identify and discuss character qualities that are required in a leader and then determine ways to build these qualities in their own lives. Course has a portfolio and final project on raising awareness of world hunger.

1.5 Credits.

## Mathematics

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### Mathematics 101. Introduction to Quantitative Reasoning. (QR)

Introduction to mathematical concepts to improve basic skills in computation, algebra, graphing, and quantitative applications. This course prepares students for other mathematics courses and courses involving quantitative reasoning. Topics include linear modeling, units of measure and currency, and statistical reasoning.

3 Credits.

### Mathematics 115. College Algebra. (QR)

Algebraic topics designed to assist in the use of mathematics in science courses. Topics include exponents and radicals, rational expressions, inequalities, complex numbers, polynomial analysis and advanced factoring, rational functions and asymptotes, and quantitative reasoning applications. Because of duplication of subject matter, students may not receive credit for both Mathematics 115 and Mathematics 120. Prerequisite: Mathematics 101 or appropriate score on placement test.

3 Credits.

### Mathematics 151. Calculus II.

Methods and applications of integration, improper integrals, power series, Taylor polynomials, and parametric equations. Prerequisite: Mathematics 150.

4 Credits.

### Mathematics 330. Introduction to Probability Theory.

Probability spaces, random variables, continuous distributions, joint distributions, correlation, and central limit theorems. Independent research project using chi-square, ANOVA, or regression analysis. Prerequisites: Mathematics 151 and Mathematics 230.

3 Credits.

## Music

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### Music 100. College Chorale.

Development and performance of choral repertoire from Renaissance to Modern. Instruction in the development of vocal techniques. Course may be repeated for credit.

1 Credit (non-academic).

## Physical Education

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### Physical Education 112. Competitive Team Sports.

A survey of a range of competitive team sports including for example, soccer, volleyball, lacrosse, ultimate, basketball, floor hockey. Student interest accommodated. Co-educational.

1.5 Credits (non-academic).

### Physical Education 120. Physical Fitness.

Student-designed individual program based on theoretical and practical fitness concepts. Workouts during class twice a week in the fitness center. Cardiovascular element required. Course may be repeated for credit.

1.5 Credits (non-academic).

### Physical Education 133. Yoga.

Introduction to Anusara Yoga, a form of Hatha yoga. Anusara

means to "go with the currents of Divine Love," and emphasizes a balance between Attitude, Alignment and Action, enabling students' inner spirit to shine and enhancing connection with the Divine. Variety of asana (poses) including standing poses, twists and forward bends, arm-balancing, back bending and inversions. Open to all abilities.

1.5 Credits (non-academic).

## Philosophy

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### Philosophy 102. Introduction to Philosophy. (Worldview)

Survey of some major philosophers and theories in metaphysics, epistemology, and the philosophy of religion.

3 Credits.

### Philosophy 111. Introduction to Moral Philosophy. (Moral)

Survey of some major philosophers, problems (Euthyphro, relativism, egoism), and theories (aretaic, deontic, utilitarian) in moral philosophy. Strongly recommended: Philosophy 101. Prerequisite: Philosophy 102.

3 Credits.

### Philosophy 321. Swedenborg's Philosophy.

Swedenborg's thought upward from the human body in his "search for the soul." Main text taken from the sections on Series and Degrees and The Human Soul in The Economy of the Animal Kingdom, terminating in applications in The Rational Psychology.

3 Credits.

## Physics

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### Physics 211. Principles of Physics II.

Continuation of Physics 210. Calculus-based introduction to classical electricity, capacitance, current, resistance, and circuits. Also magnetism, electromagnetic oscillations, optics, and introduction to modern physics. Co-requisites or Prerequisites: Mathematics 151 and Physics 210. Laboratory included.

4 Credits.

## Political Science

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### Political Science 101. Introduction to Politics and Governance. (Civil)

Examines the discipline of political science and the concepts involved in the study of politics and governance. Surveys the role and function of political institutions and organizations through the lens of contemporary issues. Focus on the potential for thinking about civic and political issues from a religiously-informed perspective.

3 Credits.

### Political Science 210. American Government and Politics. (PP)

Examination of the American political system focusing on founding principles, national governmental institutions, and contemporary issues. Readings from original documents and historical and contemporary authors. Prerequisite: Political Science 101, History 230, or instructor permission.

3 Credits.

## Psychology

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### Psychology 101. Introductory Psychology.

Introduction to basic constructs of psychology including scientific methodology, the brain, consciousness, memory, identity, learning, motivation, intelligence, and the nature of mental illness. Relevant New Church doctrines analyzed and compared to secular theories of psychology.

3 Credits.

### **Psychology 220. Cognitive Psychology.**

Survey of contemporary theories and research concerned with the structure and processes of the mind. The course will view cognitive psychology as the coordinated operation of mental processes within a multi-component memory system. Topics include attention, memory, the role of emotion, problem solving, and concept formation.

3 Credits.

### **Psychology 307. Psychological Measurement.**

Introduction to the principles that underlie the development, use, and interpretation of psychological assessment tools. Topics include: Test construction, survey development, scoring, assessment interpretation issues, and psychological assessment applications in industrial, educational, clinical, and research setting. Students will examine the potential and limitations of tests of intelligence, aptitude, achievement, interest, and personality. Additionally, psychological assessment will be discussed in terms of social, legal, and ethical concerns.

3 Credits.

### **Psychology 401. Senior Seminar.**

Capstone for seniors in the psychology major. Public presentation. Critical analysis of ethics in psychology. Career planning and portfolio development. Pass/Fail.

1 Credit.

## **Religion**

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### **Religion 101. Introduction to New Church Doctrines. (Doctrinal)**

Foundation course. Basic survey of the doctrines of the New Church. Presupposes little or no formal background in the study of the doctrines.

3 Credits.

### **Religion 115. Introduction to New Church Doctrine on Life after Death. (Doctrinal)**

New Church teachings on the life after death studied in their own context and the context of the history of eschatology. Text: Heaven and Hell.

3 Credits.

### **Religion 123. Introduction to the Old and New Testaments. (Scriptural)**

Introduction to the various parts of the Bible, the history of the Israelites and Jews, the geography of Palestine, the different methods of biblical interpretation, and the major themes in scripture. Emphasis on New Church views.

3 Credits.

### **Religion 125. The Holy Scripture. (Doctrinal)**

The symbolic nature of the Word and the spiritual meaning within. The importance of the literal meaning and its interpretation. The Word in heaven and the church. Dual expressions in the Word. Heresies. The Lord and the Word. The Word in very ancient times. The universal church. The necessity of revelation. Illustrations drawn throughout from the Old and New Testaments. Text: The Doctrine of the Sacred Scripture.

3 Credits.

### **Religion 205. God, Man, and Creation. (Doctrinal)**

Study of how the Lord created the spiritual and natural worlds, with emphasis on humans as the purpose of creation.

Vital relationships between the Creator and His creation, with the special role played by humans. Focus on teaching about order, influx, degrees, forms of use, and correspondence. Form and operation of spiritual thinking. Text: Divine Love and Wisdom.

3 Credits.

### **Religion 222. The Gospels. (Scriptural)**

Survey of the Four Gospels with attention to similarities and distinctions, historical context, and relationship to the Old Testament, Act, Epistles, and Revelation. Special attention to the nature of the First Advent and the testimony concerning Jesus Christ.

3 Credits.

### **Religion 273. Religion and Marriage. (Rel273w is W, Applied)**

New Church doctrine concerning marriage and preparation for marriage. The nature of man and woman, and their spiritual fulfillment in the married relationship. Children and their place in marriage. Responding to states of discord, coldness, and other problems in marriage. Adultery and other sexual disorders. Consideration of romantic passion, physical relations, birth control, repeated marriages, non-monogamous lifestyles, homosexuality. Text: Conjugal Love.

3 Credits.

### **Religion 284. Christian Church History. (Comparative)**

Thorough grounding in Christian history. Survey of the personalities, theological and doctrinal issues, and events of Christianity. Christian divisions and present world-impact. Comparison with New Church perspective.

3 Credits.

### **Religion 310. Studies in Arcana Coelestia. (W, Doctrinal)**

Study of Emanuel Swedenborg's first publication of theology for a New Church. The course provides an overview of the work's spiritual exegesis of Genesis and Exodus—from the first mythopoeic stories of creation to the Israelites' escape from slavery in Egypt. Special focus on the Abram story and how the narrative of Jehovah's call to humankind contains an ancient picture of our relationship with a Human God.

3 Credits.

### **Religion 311. Continuation of Studies in Arcana Coelestia (Doctrinal).**

Study of Emanuel Swedenborg's first publication of theology for the New Church. The course provides an overview of the work's spiritual exegesis of Genesis and Exodus—from the first mythopoeic stories of creation to the Israelites' escape from slavery in Egypt. Special focus on the Jacob story, the Moses story, and how the narrative of Jehovah's call to humankind contains an ancient picture of our relationship with a Human God.

3 Credits.

## **Sociology**

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### **Sociology 340. Seminar in the Sociology of Religion.**

Exploration of the relationship between the ideational and organizational components of religion and the major social variables, including gender, class, power, race and nationality. Historic and current religions and religious movements examined both theoretically and empirically, including the New Church.

3 Credits.

## Spanish

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### Spanish 102: Introductory Spanish II

Continuing introduction to the Spanish language. Prerequisite: Spanish 101 or equivalent as determined by placement test. Spanish is the language of instruction.

3 Credits.

## Theater

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### Theater 130. Set Design and Production. (EE)

Continuation of Theater 120: building and dressing the set from the designer drawings and elevations created in the fall. Finalizing of the design, including color elevations and prop design. Students required to understand and use all of the equipment in the theater as it pertains to the design and will work with the play's director using the Mitchell Performing Arts Center as the classroom and will participate as a member of the run-crew for the winter Bryn Athyn College production. Final project involves the construction of the actual set. Course may be repeated for credit.

Credit variable.

### Theater 150. Dramatic Performance. (EEC)

Students involved in the casts or technical aspects of certain dramatic productions may sign up for this course. Exposure to a variety of acting techniques, including the specialized work

needed for productions that might range from Shakespeare's plays, to foreign plays in translation, to musicals. Script analysis, oral interpretation of character, performance movement, dance, and vocal techniques. Variable credit based on the student's involvement. 5-12 hours weekly in rehearsals/classes leading to a finished production. Course may be repeated for credit.

1-3 Credits.

## Writing

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### Writing 101. Expository Writing. (W, IL)

Development of skills in recognizing, evaluation, and writing about ideas drawn from readings in a variety of disciplines. Five to seven analytic essays. Emphases on rhetorical argument, revision strategies, and information literacy. Formal instruction about research skills (locating and evaluating secondary sources, and integrating, citing, and documenting these sources). Articulation, development, and support of thesis. Required of first year students. Non-native speakers of English take Writing 101 sophomore year. Successful completion of the IL components of Wr 101 and Wr 202 fulfills one of the Core IL requirements.

3 Credits.

### Writing 202. Writing About Literature. (W, IL)

Analytic study of literary genres, with emphases on writing and research skills. Assumes basic skills in writing and information literacy covered in Writing 101. Three papers, including substantial revision. One longer paper requires 2+ secondary sources and student evaluation of sources and research process. Individual conferences with instructor to discuss student's writing, research, and implementation of secondary sources. Required of sophomores. Prerequisite: Writing 101. Successful completion of the IL components of Wr 101 and Wr 202 fulfills one of the Core IL requirements.

3 Credits.

## NOTES

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# Spring Term 2012-13 Undergraduate Course List

As of 3-12-2012. (Independent Study and Internship courses not listed.)

BLOCK	NAME OF COURSE	TITLE	CREDITS	INSTRUCTOR
	Anth110_0	An Introduction to Cultural Anthropology	3	A. Yardumian
	Anth110_1	An Introduction to Cultural Anthropology	3	A. Yardumian
	Bio110_0	Environmental Science	4	E. R. Potapov
	Bio110_1	Environmental Science	4	E. R. Potapov
	Bio220	Human Anatomy and Physiology II	4	Staff
	Bio240	Botany	3	S. L. Cooper
	Bio355	Cancer Biology	3	A. F. Bryntesson
	Bio492	Biology Seminar III	1	A. F. Bryntesson
	Bus320	Financial Management	3	C. Waltrich
	Bus/Mth380	Linear Models and Methods for Optimization	3	N. Simonetti
	Bus401	Business Ethics	3	W. C. Childs
	Chem111	General Chemistry III	4	A. J. Bedford
	Comm105_0+	Public Speaking	3	S. V. Bernhardt
	Comm105_1+	Public Speaking	3	S. V. Bernhardt
	Comm205_0+	Intermediate Public Speaking	3	S. V. Bernhardt
	Comm205_1+	Intermediate Public Speaking	3	S. V. Bernhardt
	Dan123+	Tap Dance	1.5	J. Bostock
	Dan150+	Dance Ensemble	1.5	J. Bostock
	Dan223+	Tap Dance	1.5	J. Bostock
	Dan250+	Dance Ensemble	1.5	J. Bostock
	Dan350+	Dance Ensemble	1.5	J. Bostock
	Econ132	Microeconomics	3	C. W. Lindsay
	Ed219	Literacy for Young Learners II	3	A. N. Rose
	Ed323	Math and the Young Child	3	A. N. Rose
	Ed333	Seminar on Art and Creative Expression	3	S. S. Werner
	Eng217	Great Books III. 19 and 20th Centuries	3	R. J. Silverman
	Eng219	American Literature II	3	S. Shaw
	Eng314	The Poetry of Devotion	3	A. R. Petro
	Eng367	The Modern Novel	3	S. Shaw
	Eng491	English Major Writing Project	3	S. Shaw
	EE100	Service Trip	1	L. Nash
	EE198/298	Internship	variable	L. Nash
	FA122	Metal Forging	3	W. Holzman
	FA130+	Ceramics	3	C. Orthwein
	FA140+	Drawing and Painting	3	M. Gyllenhaal
	FA213+	Topics in Twentieth-Century Architecture- Bryn Athyn's National Historic Landmarks	3	M. Gyllenhaal
	FA230+	Intermediate Ceramics	3	C. Orthwein
	FA240+	Intermediate Painting	3	M. Gyllenhaal
	FA/Hist308	The Art and Culture of Ancient Egypt	3	C. E. Gyllenhaal
	FA313+ (register on 213 level)	Topics in Twentieth-Century Architecture- Bryn Athyn's National Historic Landmarks	3	M. Gyllenhaal
	FE3	Field Experience III: Pre-student Teaching	3	N. G. Phillips
	Heb111	Beginning Hebrew II	3	J. C. Glenn
	Hist114_0	The Classical World	3	W. E. Closterman
	Hist114_1	The Classical World	3	W. E. Closterman
	Hist230	United States history 1763-1865	3	B. D. Henderson
	His/PSc232	Issues in American Foreign Policy	3	D. G. Rose

+ This course is offered on multiple levels. All students must register on the 100 level.

The College administration will make every effort to offer the courses listed, but reserves the right to cancel courses if necessary.

\*This course may differ slightly from the block times or locations indicated. Check SONIS for exact meeting times and locations

# Spring Term 2012-13 Undergraduate Course List

As of 3-12-2012. (Independent Study and Internship courses not listed.)

BLOCK	NAME OF COURSE	TITLE	CREDITS	INSTRUCTOR
	Hist301	The Discipline of History I: Research Skills	3	B. D. Henderson
	ID390	Research Seminar	1	S. S. Werner
	ID496	Senior Seminar II	1	S. S. Werner
	Lat251	Swedenborg's Theological Latin II	3	S. I. Frazier
	Lead101	Social Entrepreneurship in Action	1.5	L. Nash
	Math101	Introduction to Quantitative Reasoning	3	A. N. Rose
	Math125	Transcendental Functions with Elements of Calculus	3	C. B. Bongers
	Math130	Introduction to Statistics	3	Staff
	Math311	Ordinary Differential Equations	3	M. Blair
	PE111	Running and Walking for Fitness and Fun	1.5 non-academic	H. J. Bryntesson
	PE112	Competitive Team Sports	1.5 non-academic	H. J. Bryntesson
	PE211	Distance Running	1.5 non-academic	H. J. Bryntesson
	Phil102	Introduction to Philosophy	3	D. A. Synnvestvedt
	Phil111	Introduction to Moral Philosophy	3	Staff
	Phil210	Ancient Philosophy	3	D. A. Synnvestvedt
	Phil311	Topics in Contemporary Philosophy II	3	D. A. Synnvestvedt
	PSci101	Introduction to Politics and Governance	3	R. Hodgell
	Psyc101	Introductory Psychology	3	K. K. Rogers
	Psyc201_0	Abnormal Psychology	3	E. G. Hyatt
	Psyc201_1	Abnormal Psychology	3	E. G. Hyatt
	Psyc204	Human Development: Lifespan	3	S. S. Werner
	Psyc330	Research Methods in Psychology	3	E. G. Hyatt
	Rel110	Systematic Theology	3	S. I. Frazier
	Rel115	Introduction to New Church Doctrines on Life After Death	3	G. R. Schnarr
	Rel123	Introduction to the Old and New Testaments	3	G. R. Schnarr
	Rel210	Divine Providence and Human Prudence	3	G. R. Schnarr
	Rel215	The Lord	3	T. P. Glenn
	Rel278	Religion and Marriage	3	R. J. Silverman
	Rel295	Islam	3	D. G. Rose
	Rel310	Studies in Arcana Coelestia	3	T. P. Glenn
	Rel335	The Human Mind	3	S. D. Cole
	Writ101_0	Expository Writing	3	R. S. Cooper
	Writ101_1	Expository Writing	3	S. B. Lawing
	Writ101_2	Expository Writing	3	S. B. Lawing
	Writ202_0	Writing About Literature	3	R. S. Cooper
	Writ202_1	Writing About Literature	3	R. S. Cooper

+ This course is offered on multiple levels. All students must register on the 100 level.

During the add period (first week of classes), your instructor will work with you to take the course on the appropriate level.

Putting yourself on the waitlist for the upper levels of this course will not aid you in course registration.

The College administration will make every effort to offer the courses listed, but reserves the right to cancel courses if necessary.

\*This course may differ slightly from the block times or locations indicated. Check SONIS for exact meeting times and locations

## Spring Term 2012-13 Undergraduate Courses

### Anthropology

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#### Anthropology 110. An Introduction to Cultural Anthropology.

Introduction to the theories and methods of cultural anthropology, and to the concept of culture. Focuses on the basic institutions of culture such as ritual, technology, and progress as predicates for modern human society. Though not a world cultures course, includes consideration of the variety of human cultures as they exist today, or as they once existed.

3 Credits.

### Biology

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#### Biology 110. Environmental Science. (QR)

Geared for non-majors. Includes basic biological and chemical principles as well as concepts from ecology, earth science, and conservation biology. Discussion of the impact of industrial society on the quality of our environment (land, air, water, and natural ecosystems). Laboratory included.

4 Credits.

#### Biology 220. Human Anatomy and Physiology II.

Continuation of the study of the structure and function of the human body and the mechanisms for maintaining homeostasis within it. Includes the study of the endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary and reproductive systems, as well as the concepts of development and metabolism. Identification of anatomical structures using a "virtual" cadaver will be required in the laboratory. Some hands-on dissection. Prerequisite: Biology 210 with a grade of "C" or better. Laboratory included.

4 Credits.

#### Biology 240. Botany.

Introductory study of plant diversity, form, and function. Topics include evolution, classification, structure, reproduction, development, and physiology in plants. Prerequisites: Biology 122 and 123. Laboratory included.

3 Credits.

#### Biology 355. Cancer Biology.

Focus on how cells and organs interact via biochemical signaling mechanisms. Special attention to the mechanisms that govern the cell cycle and how a disrupted cell causes cancer. Cancer and various treatments discussed. Prerequisites: Biology 230 and Biology 232.

3 Credits.

#### Biology 492. Biology Seminar III.

Public presentation of undergraduate biological research. Required of seniors in the biology major and open to seniors in the ID major who are studying biology.

1 Credit.

### Business

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#### Business 320. Financial Management.

Introduction to business finance, the role of the chief financial officer, and financial tools used by management. Emphasis on management of revenue and expenses, application of basic financial concepts to the solution of organizational problems, analysis of the short and long-term financial needs of an organization, and selection of most feasible course of action to secure best possible financial outcome and allocation of resources. Topics of present value, stock and bond valuation, capital budgeting, financial forecasting, and capital structures also examined. Prerequisite: Business 241 or 242.

3 Credits.

#### Business/Mathematics 380. Linear Models and Methods for Optimization.

Introduction to basic methods of operations research. Review of linear systems; linear programming, including the simplex algorithm, duality, and sensitivity analysis; formulation of integer programs; transportation and scheduling problems. Prerequisite: Mathematics 230 and competence in programming.

3 Credits.

#### Business 401. Business Ethics.

This capstone course and its associated project focus on the analysis of moral principles and their application to decision making in business. Includes an overview of philosophical and theological ethical theories, including New Church ethics. Major focus on the analysis of ethical concerns in actual case studies from business, involving issues such as down-sizing, whistle-blowing, competition vs. cooperation, and social responsibility.

3 Credits.

### Chemistry

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#### Chemistry 111. General Chemistry II. (QR)

Continuation of Chemistry 110. Topics include intermolecular forces, physical properties of solutions, chemical kinetics, chemical equilibrium, acids and bases, solubility, thermodynamics, and electrochemistry. Prerequisite: Chemistry 110. Laboratory included.

4 Credits.

### Communication

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#### Communication 105. Public Speaking. (PP)

Exposure to a variety of speaking situations designed to address inhibitions and develop self-confidence. Class work features impromptu and prepared speeches, as well as oral interpretation of literature and choral speaking. Work on voice and speech improvement as well as command of body language.

3 Credits.

#### Communication 205. Intermediate Public Speaking (PP)

Advances student's ability to organize and deliver public presentations of varied kinds, using basic skills covered in Communication 105, but with introduction of more demanding professional techniques, more challenging assignments, and more fine-tuned cultivation of all skills. Some attention will also be given in this class to job interview skills. Prerequisite: Communication 105.

3 Credits.

### Dance

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#### Dance 123/223. Tap Dance.

Beginner (Dance 123) and Intermediate (Dance 223) course in tap dance. Introduction to and development of the fundamentals of tap dance technique. Emphasis is given to basic steps and terminology, building combinations, musicality, and coordination, leading to final performance. Prerequisite for Dance 223: Dance 123 or instructor's permission.

1.5 Credits.

**Dance 150/250/350 (EE). Dance Ensemble.**

A dance repertory course for the performing artist. Rehearsing and performing pieces choreographed by faculty and guest artists. Styles may include contemporary, jazz, hip-hop and tap. Each student will be involved in several different pieces of choreography. Course culminates in public performance. Dance 250 includes either collaboration on a choreography project or a written critique project on a specific piece of choreography. Dance 350 involves choreographing and teaching a group piece of choreography to the class to be performed at the end of term concert, as well as a written presentation of the piece. Course may be repeated for credit.

1.5 Credits.

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**Economics**

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**Economics 132. Microeconomics.**

Study of the fundamentals of economic analysis with particular emphasis upon consumer demand behavior and the output and pricing decisions of business firms under various market structures. Special attention given to the role of ethics in the behavior of business executives and consumers. Consideration of current issues such as health care, energy policy, and government intervention in the market. Course includes student-led seminars and group projects.

3 Credits.

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**Education**

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**Education 219. Literacy For Young Learners II.**

Exposes students to theory and practice in literacy instruction, pre-kindergarten through grade 4. Emphasis on Language Experience Approach (LEA), guided reading, and application of approaches across disciplines with various materials. Includes 1 hour of ELL. Taken in conjunction with FE III. Prerequisite: Education 218.

3 Credits.

**Education 323. Math and the Young Child.**

An exploration of principles, methods, and materials for teaching children math concepts and process skills through discovery and play. Students connect the sequence of cognitive development to the acquisition of mathematical concepts. Taken in conjunction with FE III. Open only to third year students. Prerequisites: Education 128 and 271.

3 Credits.

**Education 333. Seminar on Art and Creative Expression.**

Concepts related to creativity in the arts and the many media areas used by children to express themselves are introduced. Topics include: concepts of creativity and children's creative development; facilitation of children's creative expression; appreciation of children's art processes and products; art appreciation. Particular attention to New Church concepts of child development and spiritual growth as expressed in early learning and creative expression. Prerequisites: Education 128 and 271.

1.5 Credits.

**Field Experience III: Pre-student Teaching.**

Beginning of student teaching in which candidates teach various groups of students in schools and early learning settings. A combination of individual tutorials, small group, and whole class instruction at the selected grade level. Students work with materials that they have prepared for classroom instruction. A continuation of FE II, FE III gives students more independent practice in working with whole class instruction, integrating special needs and ELL students in their assigned classroom. Provides 120 hours of practice teaching and 15 hours with special needs children. Not open to non-majors; 3rd year students only. Co-requisites: Education 219 or 273; Education 323 and 333.

3 Credits.

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**Experiential Education**

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**Experiential Education 100. Service Trip. (EE)**

College sponsored trip. Minimum of four days on location in a college-prescribed service. Students submit learning plan to the director of experiential education prior to the trip and a reflection component upon completion. Special and often substantial charge to defray expenses may be necessary for enrollment. Pass/Fail.

1 Credit (non-academic).

**Experiential Education 198/298. Internship. (EE)**

Proposals must be approved by the director of experiential education. See Experiential Education section in Bryn Athyn College Programs and Organization for policies governing internships. Course may be repeated for academic credit. By arrangement.

Credit variable.

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**English**

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**English 217. Great Books III. 19th and 20th Centuries.**

Study (in English) of selected 19th- and 20th-Century texts, including works by such authors as Shelley, Forster, Flaubert, Henry James, Dostoevsky, and Tolstoy. Prerequisite: Writing 101.

3 Credits.

**English 219. American Literature II.**

Chronological survey of late 19th-Century and early 20th-Century American authors from Twain and the rise of Realism to Willa Cather, Edith Wharton, and Henry James. Prerequisite: Writing 101.

3 Credits.

**English 314. The Poetry of Devotion. (W)**

Examination (in English) of how the poetry of various times and cultures has served as a locus for the human soul's encounter with the Divine. May include authors such as St. John of the Cross, Herbert, Blake, Hopkins, Novalis, and Rilke, along with such non-Western poets as Mirabai, Kabir, and Rumi. Explores the poetry of temptation, ecstasy, and Scripture. Alternates with English 315. Prerequisite: Any 200-level English course.

3 Credits.

**English 367. The Modern Novel.**

Study of selected early 20th-century novels. Emphasis on how these works reshape 19th-century forms and subjects to reflect changes (demographic, political, social) in the modern world. Includes such writers as James, Woolf, Faulkner, Hurston, and Hemingway. Prerequisites: Writing 202 and any 200-level English course.

3 Credits.

**English 491. English Major Writing Project.**

Completion of the senior writing project.

3 Credits.

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**Fine Arts**

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**Fine Arts 122. Forging.**

Introduction to artistic ironwork concentrating on hand-forged, wrought iron using traditional techniques. Inspired by the magnificent examples in Glencairn and Bryn Athyn Cathedral.

3 Credits.

**\*Fine Arts 130. Ceramics.**

Introduction to clay work including hand building, wheel throwing, slip casting, glazing, and firing processes. Also form function and representation.

3 Credits.

**\*Fine Arts 140. Drawing and Painting.**

Introduction to basic techniques in drawing and painting. Oil painting project. Discussion of the development of the history of painting.

3 Credits.

**Fine Arts 213. Topics in Twentieth-Century Architecture: Bryn Athyn's National Historic Landmarks**

Study of the conception of Bryn Athyn Cathedral, Glencairn, Cairnwood, and Cairncrest within the context of architectural developments at the turn of the twentieth century. The course uses resources in the Cathedral, John Pitcairn Archives, Glencairn, and the Raymond and Mildred Pitcairn archives, from which the students do original research on a topic of their choice.

3 Credits.

**\*Fine Arts 230. Intermediate Ceramics.**

Further development of individual skills and sensitivities in the medium of clay. Prerequisite: Fine Arts 130.

3 Credits.

**\*Fine Arts 240. Intermediate Painting.**

Introduction of more materials and techniques as well as more advanced use of concepts learned in Fine Arts 140. Prerequisite: Fine Arts 140.

3 Credits.

**Fine Arts/History 308. The Art and Culture of Ancient Egypt.**

Examination of ancient Egyptian culture as revealed through art and archaeology. Special attention given to art as a source of historical information. Topics include the influence of natural resources and the environment, principles of artistic representation, problems with interpreting evidence, the origin and nature of Egyptian hieroglyphic writing, and the Egyptian world view. Trip to the University of Pennsylvania Museum of Archaeology and Anthropology in Philadelphia.

3 Credits.

**Fine Arts 313. Topics in Twentieth-Century Architecture: Bryn Athyn's National Historic Landmarks.**

Study of the conception of Bryn Athyn Cathedral, Glencairn, Cairnwood, and Cairncrest within the context of architectural developments at the turn of the twentieth century. The course uses resources in the Cathedral, John Pitcairn Archives, Glencairn, and the Raymond and Mildred Pitcairn archives, from which the students do original research on a topic of their choice.

3 Credits.

**Hebrew****Hebrew 111. Beginning Hebrew II.**

Continuation of Hebrew 110, with graduated readings adapted from Genesis, Exodus, Deuteronomy, Joshua, Judges, and other books of the Old Testament. Prerequisite: Hebrew 110 or equivalent as determined by placement test.

3 Credits.

**History****History 114. The Classical World. (IL)**

Historical survey of ancient Greece and Rome from Minoan civilization to the fall of the Roman Empire in the west. Particular attention to political trends and the role of religion in Greek and Roman societies. Examination of textual and archaeological evidence.

3 Credits.

**History 230. United States History 1763-1865.**

Examination of the historical development of American society from the eve of the American Revolution through the Civil War. Particular focus on political ideology, national identity, and societal values with special attention given to the events leading up to the Revolution, the political ideologies of the founding fathers, and the causes of the Civil War. Combination of lecture, analysis of primary sources, and discussion of scholarly articles by leading historians in the field. Text is primary source based.

3 Credits.

**History 114. The Classical World. (IL)**

Historical survey of ancient Greece and Rome from Minoan civilization to the fall of the Roman Empire in the west. Particular attention to political trends and the role of religion in Greek and Roman societies. Examination of textual and archaeological evidence.

3 Credits.

**History 230. United States History 1763-1865.**

Examination of the historical development of American society from the eve of the American Revolution through the Civil War. Particular focus on political ideology, national identity, and societal values with special attention given to the events leading up to the Revolution, the political ideologies of the founding fathers, and the causes of the Civil War. Combination of lecture, analysis of primary sources, and discussion of scholarly articles by leading historians in the field. Text is primary source based.

3 Credits.

**History/Political Science 232. Issues in American Foreign Policy.**

Examines the dominant themes in American foreign policy. Considers the consequences of the end of the Cold War for American foreign policy and examines specific policy issues facing the U.S. at the beginning of the 21st century. Prerequisites: Political Science 101, History 117, or instructor permission.

3 Credits.

**History 301. The Discipline of History I: Research Skills (IL)**

The first course in a three-course capstone sequence for the history major. Required for history majors and interdisciplinary majors in history and art history; open to non-history majors with an interest in advanced historical research skills. Practical instruction in historical research including formulating a research question, developing and implementing a search strategy, engaging and evaluating sources as historical evidence, argument development, and proper source citation. Particular attention given to primary sources in campus archives. Culminates in a research proposal that history majors will use as the foundation for the remainder of their capstone sequence. Interdisciplinary majors may use the proposal to refine work on their senior paper.

3 Credits.

### **Fine Arts/History 308. The Art and Culture of Ancient Egypt.**

Examination of ancient Egyptian culture as revealed through art and archaeology. Special attention given to art as a source of historical information. Topics include the influence of natural resources and the environment, principles of artistic representation, problems with interpreting evidence, the origin and nature of Egyptian hieroglyphic writing, and the Egyptian world view. Trip to the University of Pennsylvania Museum of Archaeology and Anthropology in Philadelphia.

3 Credits.

### **Independent Studies**

In addition to the listed courses, all areas offer independent studies numbered 299 or 399 with variable credit. The purpose of an independent study is to allow well-qualified students to study beyond the regularly offered courses. Students who undertake independent studies must be able to work independently between meetings with the instructor and have completed a minimum of 33 credits with a GPA of at least 2.70. Planning ahead is necessary: independent study proposals, syllabi, and required registration paperwork must be completed well before the term in which the study is to occur. Full details can be found in the undergraduate student handbook.

### **Interdisciplinary Studies**

#### **Interdisciplinary Studies 390. Research Seminar. (IL)**

For juniors in the Interdisciplinary Major. Focus on preparing to do the senior essay during senior year. Project management and information literacy: define scope, generate possible topics, analyze scholarly resources, select one topic and identify research questions in cooperation with essay advisor. Pass/Fail.

1 Credit.

#### **Interdisciplinary Studies 496. Senior Seminar 2.**

For seniors in the Interdisciplinary Major. Public presentation of senior essay. Career planning and portfolio development. Pass/Fail. Prerequisite: ID 495.

1 Credit.

### **Latin**

#### **Latin 251. Swedenborg's Theological Latin II.**

Continuation of Latin 250. Includes examination of original manuscripts and editions. Prerequisites: Latin 110 and Latin 111 or approval of the instructor.

3 Credits.

### **Leadership**

#### **Leadership 101. Social Entrepreneurship in Action. (EE)**

This is a 1.5 credit Experiential Education course is a continuation of Leadership 100 for students interested in furthering their leadership and team building skills, while working on a micro project with Feel Good World to raise awareness of world hunger. The course focuses on student leadership abilities, presentation of their knowledge, and global awareness. Course has a portfolio and final public presentation component.

1.5 Credits.

### **Mathematics**

#### **Mathematics 101. Introduction to Quantitative Reasoning. (QR)**

Introduction to mathematical concepts to improve basic skills in computation, algebra, graphing, and quantitative applications. This course prepares students for other mathematics courses and courses involving quantitative reasoning. Topics include linear modeling, units of measure and currency, and statistical reasoning.

3 Credits.

#### **Mathematics 125. Transcendental Functions with Elements of Calculus. (QR)**

Investigation of transcendental functions with applications and elements of calculus, useful in preparing students for a full calculus course. Topics include trigonometric functions, simple derivatives and anti-derivatives, exponential and logarithmic functions, and quantitative reasoning applications. Because of duplication of subject matter, students may not receive credit for both Mathematics 124 and 125. Prerequisite: Mathematics 115 or appropriate score on placement test.

3 Credits.

#### **Mathematics 130. Introduction to Statistics. (QR)**

Introduction to data analysis, random variables and their distributions, and statistical inference. Statistical software used for graphing and data analysis. Independent research project. Recommended for students of business or the social and natural sciences. Prerequisite: Mathematics 101 or appropriate score on placement test.

3 Credits.

#### **Mathematics 311. Ordinary Differential Equations.**

Linear, second-order, and systems of differential equations and Laplace transforms. Prerequisite: Mathematics 151.

3 Credits.

#### **Business/Mathematics 380. Linear Models and Methods for Optimization.**

Introduction to basic methods of operations research. Review of linear systems; linear programming, including the simplex algorithm, duality, and sensitivity analysis; formulation of integer programs; transportation and scheduling problems. Prerequisite: Mathematics 230 and competence in programming.

3 Credits.

### **Physical Education**

#### **Physical Education 111. Running and Walking for Fitness and Fun.**

A range of walking/running activities designed to develop strength and endurance, for all abilities. Students required to run/walk three times a week in scheduled class time and to keep an exercise log. Course may be repeated for credit.

1.5 Credits (non-academic).

#### **Physical Education 112. Competitive Team Sports.**

A survey of a range of competitive team sports including for example, soccer, volleyball, lacrosse, ultimate, basketball, floor hockey. Student interest accommodated. Co-educational.

1.5 Credits (non-academic).

#### **Physical Education 211. Distance Running.**

Training for a full or half marathon. Students required to run twice a week in scheduled class time and twice a week outside of class time, following a training schedule leading up to a race. Pre-requisite: PE 111 or instructor's approval.

1.5 Credits (non-academic).

## Philosophy

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### Philosophy 102. Introduction to Philosophy. (Worldview)

Survey of some major philosophers and theories in metaphysics, epistemology, and the philosophy of religion.

3 Credits.

### Philosophy 111. Introduction to Moral Philosophy. (Moral)

Survey of some major philosophers, problems (Euthyphro, relativism, egoism), and theories (aretaic, deontic, utilitarian) in moral philosophy. Strongly recommended: Philosophy 101. Prerequisite: Philosophy 102.

3 Credits.

### Philosophy 210. Ancient Philosophy.

Historical consideration of ancient Greek philosophy (with emphasis on Socrates, Plato, and Aristotle) or Roman philosophy (with emphasis on Cicero, Aurelius, and Seneca). Strongly recommended: Philosophy 101. Prerequisite: Philosophy 102.

3 Credits.

### Philosophy 311. Topics in Contemporary Philosophy II.

Complement to Philosophy 310, but may be taken independently. Topics and emphases change periodically. Strongly recommended: Philosophy 101. Prerequisite: Philosophy 102.

3 Credits.

## Political Science

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### Political Science 101. Introduction to Politics and Governance. (Civil)

Examines the discipline of political science and the concepts involved in the study of politics and governance. Surveys the role and function of political institutions and organizations through the lens of contemporary issues. Focus on the potential for thinking about civic and political issues from a religiously-informed perspective.

3 Credits.

### History/Political Science 232. Issues in American Foreign Policy.

Examines the dominant themes in American foreign policy. Considers the consequences of the end of the Cold War for American foreign policy and examines specific policy issues facing the U.S. at the beginning of the 21st century. Prerequisites: Political Science 101, History 117, or instructor permission.

3 Credits.

## Psychology

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### Psychology 101. Introductory Psychology.

Introduction to basic constructs of psychology including scientific methodology, the brain, consciousness, memory, identity, learning, motivation, intelligence, and the nature of

mental illness. Relevant New Church doctrines analyzed and compared to secular theories of psychology.

3 Credits.

### Psychology 201. Abnormal Psychology.

Examination of mental disorders as classified by the medical model, including schizophrenia and other psychotic disorders, mood disorders, anxiety disorders, dissociative disorders, disorders of childhood, eating disorders, and personality disorders. Critical analysis of the principles and philosophy of the medical model, as well as the physiological underpinnings of certain disorders. Alternative views for the conceptualization of mental disorders explored. Prerequisite: Psychology 101.

3 Credits.

### Psychology 204. Human Development: Lifespan.

Study of human development, focusing on the most significant changes that occur across the lifespan. Topics include theories of physical-motor, cognitive, language, creative, social, emotional, moral, and spiritual development.

3 Credits.

### Psychology 330. Research Methods in Psychology.

The investigation of psychology as a science with a focus on the qualitative and quantitative approaches to research in the area of psychology. It examines strategies for establishing validity in descriptive, relational, and experimental design in the framework of ethical research. Emphasis will be placed on critical reading and analysis of previously published scientific research. Students receive practice in designing, conducting, analyzing, interpreting the results of research studies, and writing reports in APA style. Students prepare proposal for Senior Essay. Prerequisites: Psychology 101 and Mathematics 130.

3 Credits.

## Religion

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### Religion 110. Introduction to Systematic Theology. (Doctrinal)

A comprehensive overview of New Church doctrine and a comparison with the doctrine of other Christian denominations. Emphasis on core principles such as faith, charity, forgiveness, repentance, regeneration, the Word, the Lord, and the life after death. Presupposes a moderate familiarity with New Church teachings.

3 Credits.

### Religion 115. Introduction to New Church Doctrine on Life after Death. (Doctrinal)

New Church teachings on the life after death studied in their own context and the context of the history of eschatology. Text: Heaven and Hell.

3 Credits.

### Religion 123. Introduction to the Old and New Testaments. (Scriptural)

Introduction to the various parts of the Bible, the history of the Israelites and Jews, the geography of Palestine, the different methods of biblical interpretation, and the major themes in scripture. Emphasis on New Church views.

3 Credits.

### Religion 210. Divine Providence and Human Prudence. (Doctrinal)

The laws and fundamental principles by which the Lord

governs creation. How the Lord removes evil from people while preserving their freedom. How the Lord brings good out of evil. Eternal life as the goal of providence. How providence uses natural conditions to serve this end. Why providence operates in secret. Text: Divine Providence.

3 Credits.

### **Religion 215. The Lord. (Doctrinal)**

Introduction to the New Church teachings about the Lord, His love and accommodation. The Incarnation. The steps and states of the Lord's life from infancy to the resurrection. His glorified Humanity and presence today. The primary focus is on the direct teachings in the doctrines, and on seeing the Lord in the Gospel accounts and in the Hebrew scriptures.

3 Credits.

### **Religion 295. Islam. (Comparative)**

Study of Islam: Muhammad and the origins of Islam, the Qur'an and Hadith, theology and practices, sects and schools. Comparison with New Church perspective.

3 Credits.

### **Religion 278. Religion and Marriage. (Application)**

A continuation of Religion 273 with a focus on contemporary marriage education and relationship enhancement programs. Several of the most influential programs will be studied in the light of teachings from Conjugial Love, including the work of John Van Epp (preparation for marriage), John Gray (masculine/feminine differences), John Chapman (languages of love) and Tony Robbins (six human needs). Prerequisite: Religion 273.

3 Credits.

### **Religion 310. Studies in Arcana Coelestia. (W, Doctrinal)**

Study of Emanuel Swedenborg's first publication of theology for a New Church. The course provides an overview of the work's spiritual exegesis of Genesis and Exodus—from the first mythopoeic stories of creation to the Israelites' escape from slavery in Egypt. Special focus on the Abram story and how the narrative of Jehovah's call to humankind contains an ancient picture of our relationship with a Human God.

3 Credits.

### **Religion 335. The Human Mind. (W, Doctrinal)**

Study of what the doctrines of the New Church teach about the structure and function of the human mind and how it relates to the brain. The discrete degrees of the mind. The faculties of will and understanding, their relationship and interplay.

3 Credits.

## **Writing**

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### **Writing 101. Expository Writing. (W, IL)**

Development of skills in recognizing, evaluation, and writing about ideas drawn from readings in a variety of disciplines. Five to seven analytic essays. Emphases on rhetorical argument, revision strategies, and information literacy. Formal instruction about research skills (locating and evaluating secondary sources, and integrating, citing, and documenting these sources). Articulation, development, and support of thesis. Required of first year students. Non-native speakers of English take Writing 101 sophomore year. Successful completion of the IL components of Wr 101 and Wr 202 fulfills one of the Core IL requirements.

3 Credits.

### **Writing 202. Writing About Literature. (W, IL)**

Analytic study of literary genres, with emphases on writing and research skills. Assumes basic skills in writing and information literacy covered in Writing 101. Three papers, including substantial revision. One longer paper requires 2+ secondary sources and student evaluation of sources and research process. Individual conferences with instructor to discuss student's writing, research, and implementation of secondary sources. Required of sophomores. Prerequisite: Writing 101. Successful completion of the IL components of Wr 101 and Wr 202 fulfills one of the Core IL requirements.

3 Credits.

## Academic Reminders and Requirements

Make sure you have a tentative academic plan before you see your advisor to register for classes. Your advisor can provide information and perspectives that may help you make decisions, but it is your academic program. It is your responsibility to ensure it is the program you want and need.

Each term, choose three or four academic courses at the appropriate level. Full-time students must take at least 9 academic credits each term. However, to stay on track for a graduation in four years, you will need to take about 11 credits each term. Full-time tuition covers 14.5 credits per term; additional payment is necessary for any more. Keep the following requirements in mind:

### First Year Requirements

- Two religion courses (100-level) during the year including passing Religion 101 or 110
- Writing 101 (or English 100 for ESL students)
- Math 101 (or test out of it via Math placement test)
- At least 9 academic credits each term (average of 11 is necessary to move to second year status)
- 100-level courses unless you get permission for upper-level courses

### Second Year Requirements

- Two religion courses during the year
- Writing 202
- At least 9 academic credits (average of 11 is necessary to move to third year status)
- 100- or 200-level courses unless you get permission for higher-level courses

### Third and Fourth Year Requirements

- One religion course each year (not 100-level)
- At least 9 academic credits (average of 11 is necessary to move to fourth year status)

In addition to the residency requirements listed above, students interested in the following majors should register for the courses listed below in their first year:

Biology: Bio122 & 123, Chem101 and/or Chem 110&111

Education: Ed128, ESci110, Geog110, any 100-level History course, two math courses, Phil102, Rel101 or 110

English: n/a (Recommended: Eng105)

ID: 100-level requirements/recommendations from the appropriate areas

History: any 100-level history courses (Recommended: 100-level anthropology, geography, political science, sociology courses)

Psychology: Psyc101 (Recommended: Math130 and 100-level anthropology and/or sociology)

Religion: Rel110 and either Rel115 or Rel125

### Worksheets for Majors:

If you are interested in a particular major, please see the worksheets online. Major requirement worksheets are available on our website at the following location: <http://www.brynathyn.edu/academics/majors/forms.html>.

### Graduation Applications:

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"Programs," "Sonis," "Sonisweb"
- Click on "Students"
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(PIN is case sensitive, ID requires leading zeroes)
- Click on the "Registration" tab.
- At the top of the page, choose the appropriate year and term.
- Click on the "Submit" button.
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- Two religion courses during the year
- Writing 202
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## 2012-13 Graduate Course List

As of 03-12-2012. (Independent Study and Internship courses not listed.)

BLOCK	NAME OF COURSE	TITLE	CREDITS	INSTRUCTOR
Fall	Exper Wkshp	Experiential Learning. Workshop		
Fall	Hom 911	Principles of Exposition		
Fall	Hom 921	Sermons from Old Testament Texts		
Fall	Past Theo 851	Liturgics: Doctrinal Foundations.		
Fall	Theo 601	Heavenly Doctrines as Systematic Theology.		
Fall	Theo 614	Studies on the Glorification: I.		
Fall	Theo 642	The Human Mind and its Regeneration.		
Fall	Wkshp 710	Pastoral Orientation.		
Winter	Exp Wkshp	Experiential Learning. Workshop		
Winter	Hom 922	Doctrinal Classes and Children's Talks		
Winter	Hom 932	Sermons: A variety of topics and focus.		
Winter	Past Theo 841	Doctrine of the Priesthood and Principles of Church Government.		
Winter	Past Theo 845	Introduction to Pastoral Counseling II. Seminar.		
Winter	Past Theo 848	Priestly Duties.		
Winter	Past Theo 852	Liturgics: Orders of Services for Worship.		
Winter	Theo 620	Doctrine of the Word: Revelation for the New Church.		
Winter	Theo 626	Old Testament Themes.		
Winter	Theo 668	The Apocalypse and Last Judgment.		
Winter	Wkshp 720	Speech I: Public Speaking and Interpersonal Communication.		
Winter	Wkshp 724	Speech II: Concepts in Interpersonal Communication.		
Winter	Wkshp 728	Speech III: Advanced Concepts in Public Speaking and Interpersonal Communication.		
Spring	Ch His 687	New Church History. Establishment of the New Church, 18th and 19th Century Foundations.		
Spring	Ed 634	Institutional Design. Workshop.		
Spring	Exp Wkshp	Experiential Learning. Workshop		
Spring	Hom 923	Sermons from the Prophets and New Testament Texts.		
Spring	Hom 933	Sermons for Traditional and Contemporary Services and Memorial Addresses.		
Spring	Past Theo 842	Doctrine of the Priesthood and Principles of Church Government.		
Spring	Past Theo 853	Liturgics: Rites and Sacraments.		
Spring	Theo 616	Studies on the Glorification: II.		
Spring	Theo 640	Seminar on the Divine Providence.		
Spring	Theo 695	Dissertation.		

## Fall Term 2012-13 Graduate Courses

### Experiential Learning. Workshop

First and Second year theological students are assigned to 3 hours/week to pre-professional roles in the community or a church organization. They assist pastors and lay leaders in serving people in specific uses, and connecting with all the people in these settings in excellent ways. Students are assessed on these nine "Connecting Skills" by on site supervisors: 1) Demonstrating interest in the other person, 2) Finding common ground, 3) Showing respect for the other person, 4) Assessing if there are any needs, 5) Offering services, if needed, 6) Sharing humor (appropriately), 7) Dealing with barriers, 8) Valuing differences, 9) Building trust. Students change settings at least three times a year so they learn through their various experiences how to apply theology to the practical side of being a pastor.

3 Credits.

### Homiletics 911. Principles of Exposition

Study of the letter of the Word in reference to the doctrine of genuine truth, the science of correspondences, and the spiritual sense of the Word. Study of the principles of exposition in application to selected texts in the letter of the Word. Seminar.

3 Credits.

### Homiletics 921. Sermons from Old Testament Texts.

Theory and practice of sermon writing. Sermons will be from various styles in the Old Testament: from a made-up historical story, from an actual historical story, from a psalm.

3 Credits.

### Pastoral Theology 851. Liturgics: Doctrinal Foundations.

Introductory course exploring the doctrinal underpinnings of traditional and contemporary General Church of the New Jerusalem (GCNJ) ritual. The focus is on how and why the GCNJ office came into being, exploring the development of liturgical practice in the New Church from its earliest days to the present. Focus of study will be in the issues of external and internal worship, the role of ritual in worship, the house or place of worship with its symbolism. Workshop.

1 Credit.

### Theology 601. Heavenly Doctrines as Systematic Theology.

An introductory course required of all Theological School students. Its purpose is to provide for the students the framework, the context, and the direction of the Theological School program. It introduces the students to the major doctrines presented in the Heavenly Doctrines along with their core teachings, to the relationship among the major doctrines, to fundamental terms in the Heavenly Doctrines, to important ideas about and arising from the Heavenly Doctrines, and to important perspectives on theology in general and on the Heavenly Doctrines in particular. Seminar.

3 Credits.

### Theology 614. Studies on the Glorification: I.

The Lord's childhood. Acquisition of knowledge. Early temptations. The first rational. Divine perception. The Divine Rational. Inmost temptations. (Arcana Coelestia, chap. 12-22). Seminar.

3 Credits.

### Theology 642. The Human Mind and its Regeneration.

The Human mind as a vessel created by the Lord to receive and respond to Him, and ultimately to fulfill His end in creation: a state of conjunction between human beings and Himself, i.e. heaven. Considers briefly the structure, degrees, and faculties of the mind, our native condition (including heredity and proprium), the doctrine of "remnant" states, immediate and mediate influx into the mind. The greater focus is on the Lord's work of regenerating human beings for heaven and the role of human beings in cooperating with it. Considers various stages or movements in regeneration, and states experienced, e.g. "intermediate goods" and temptations. Deals with repentance, the nature of the removal of evil (forgiveness of sin), and the acquiring of a permanent character through the process of appropriation and imputation. Also considers the role in our formation for heaven of practicing a life of charity (useful service, daily work, duties, benefactions, recreations, signs). Seminar.

### Workshop 710. Pastoral Orientation.

Introduction to Theological School studies and the clergy's perspective on pastoral life. Tutorial with assignments such as pastoral visiting, Cathedral guiding, helping prepare worship services, etc. Workshop.

1 Credit.

## Winter Term 2012-13 Graduate Courses

### Experiential Learning. Workshop

First and Second year theological students are assigned to 3 hours/week to pre-professional roles in the community or a church organization. They assist pastors and lay leaders in serving people in specific uses, and connecting with all the people in these settings in excellent ways. Students are assessed on these nine "Connecting Skills" by on site supervisors: 1) Demonstrating interest in the other person, 2) Finding common ground, 3) Showing respect for the other person, 4) Assessing if there are any needs, 5) Offering services, if needed, 6) Sharing humor (appropriately), 7) Dealing with barriers, 8) Valuing differences, 9) Building trust. Students change settings at least three times a year so they learn through their various experiences how to apply theology to the practical side of being a pastor.

3 Credits.

### Homiletics 922. Doctrinal Classes and Children's Talks.

Preparation of doctrinal classes. Preparation and presentation of children's talks. Workshop.

1 Credit.

### Homiletics 932. Sermons: A variety of topics and focus.

Writing general purpose and festival sermons. Emphasis is upon organization of material for ease of presentation. Workshop.

3 Credits.

### Pastoral Theology 841-842. Doctrine of the Priesthood and Principles of Church Government.

An analysis of the doctrine concerning the two interrelated uses of the priesthood, teaching and learning. External and internal evangelization. Leading by means of representatives in worship. Government by influx as in the heavens, and by afflux as in the hells. How these two are applied to the government of the church. Two-term Workshop.

1 Credit.

### Pastoral Theology 845. Introduction to Pastoral Counseling II. Seminar.

An examination of the basic principles of counseling for couples and families including the concepts of homeostasis, fusion, triangles, boundaries, and differentiation of a self. Basic listening and attending skills are practiced in small groups and role plays looking to applications in couples counseling. A seven session format for couples counseling using the Imago model is presented and skills for implementing the program are practiced. Text: Short Term Couples Therapy the Imago Model in Action by Wade Luquet.

3 Credits.

### Pastoral Theology 848. Priestly Duties.

Pastoral responsibilities. A broad review of the practical responsibilities of a General Church of the New Jerusalem pastor. Workshop.

1 Credit.

### Pastoral Theology 852. Liturgics: Orders of Services for Worship.

A practical course on constructing an order of service, examining the place and use of music, singing, the letter of the Word, prayer, lessons, the children's talk, sermon and benediction. There will be a major emphasis on developing a familiarity with the liturgy and practice of leading worship according to the standard General Offices, as well as contemporary, informal and home settings. The aim of this course is to prepare students to be able to comfortably lead a service in a variety of settings before their Candidate experience requires them to do so. Workshop.

1 Credit.

### Theology 620. Doctrine of the Word: Revelation for the New Church.

The nature of the theological Writings given to the New Church through Emanuel Swedenborg. Methods and approaches to forming a doctrine for the church in response to the new revelation. The nature and role of that doctrine. Seminar.

3 Credits.

### Theology 626. Old Testament Themes.

A topical approach to the Old Testament considering major doctrinal themes in the letter of different books of the Old Testament, different styles within these books, the context of this revelation, and historical issues related to the Old Testament texts. Seminar.

3 Credits.

### Theology 668. The Apocalypse and Last Judgment.

Using the book of Revelation and the Apocalypse Revealed as guides, this course explores the process of the Last Judgment in 1757. Particular emphasis is placed on the Biblical correspondences that describe the states of the church and individuals in the Christian era, and how these states led to the downfall of the Christian Church and the establishment of the New Church. Seminar.

3 Credits.

### Workshop 720. Speech I: Public Speaking and Interpersonal Communication.

Introduction to communications theory: Self as communicator, communication process, perception in communication, and effective communication—qualities and barriers. Emphasis on applications to professional work of the priest.

Workshop.

1 Credit.

### Workshop 724. Speech II: Concepts in Interpersonal Communication.

Introduction to oral interpretation of literature. Advanced interpersonal communication theory and skills development.

Workshop.

1 Credit.

### Workshop 728. Speech III: Advanced Concepts in Public Speaking and Interpersonal Communication.

Advanced interpersonal communication theory, skills development, and practice. Workshop.

1 Credit.

## Spring Term 2012-13 Graduate Courses

### **Church History 687. New Church History. Establishment of the New Church, 18th and 19th Century Foundations.**

Chronological and topical study of the rise and early development of the New Church in Europe and North America. Seminar.

3 Credits.

### **Education 634. Institutional Design. Workshop.**

Delivering and Managing Religious Instruction is a series of 10 workshop that focuses on supporting theological students while they apply in at least two setting the concepts they learned in Ed 631. Students are introduced to beginning level classroom management skills and asked to evaluate the skills in light of the Heavenly Doctrine.

1 Credit.

### **Experiential Learning. Workshop**

First and Second year theological students are assigned to 3 hours/week to pre-professional roles in the community or a church organization. They assist pastors and lay leaders in serving people in specific uses, and connecting with all the people in these settings in excellent ways. Students are assessed on these nine "Connecting Skills" by on site supervisors: 1) Demonstrating interest in the other person, 2) Finding common ground, 3) Showing respect for the other person, 4) Assessing if there are any needs, 5) Offering services, if needed, 6) Sharing humor (appropriately), 7) Dealing with barriers, 8) Valuing differences, 9) Building trust. Students change settings at least three times a year so they learn through their various experiences how to apply theology to the practical side of being a pastor.

3 Credits.

### **Homiletics 923. Sermons from the Prophets and New Testament Texts.**

Theory and practice of sermon writing. Sermons will be from the Prophetic style of the Old Testament, and from various styles in the New Testament. Workshop.

3 Credits.

### **Homiletics 933. Sermons for Traditional and Contemporary Services and Memorial Addresses.**

This term of homiletics will provide the background for writing memorial services including dealing with challenging issues in the life of the deceased or surviving family as well as further development of sermon writing as well as a consideration of the differences between sermons for traditional and contemporary settings. Workshop.

3 Credits.

### **Pastoral Theology 841-842. Doctrine of the Priesthood and Principles of Church Government.**

An analysis of the doctrine concerning the two interrelated uses of the priesthood, teaching and learning. External and internal evangelization. Leading by means of representatives in worship. Government by influx as in the heavens, and by afflux as in the hells. How these two are applied to the government of the church. Two-term Workshop.

1 Credit.

### **Pastoral Theology 853. Liturgics: Rites and Sacraments.**

Conclusion of liturgical studies. A review of the doctrines associated with liturgics with additional study of the doctrines around the sacraments and rites of the New Church and their incorporation into services, or as free-standing services. Examination of variations from the General Offices in liturgical practice, to accommodate the tastes of New Church members while maintaining the integrity of doctrinal understanding of liturgics. Design of orders of service and practice are a central part of this workshop. Workshop.

1 Credit.

### **Theology 616. Studies on the Glorification: II.**

The conjunction of good and truth in the Lord's Divine Rational. Conception and birth of the Divine Natural. Appearances of truth. The glorification of the Natural. Mediate good. The conjunction of natural truth with spiritual good, and of the Divine good natural with the good of truth. (Arcana Coelestia, chap. 23-33). Seminar.

3 Credits.

### **Theology 640. Seminar on the Divine Providence.**

A study of the Lord's government with a focus on the laws and fundamental principles regulating the His interaction with people and their response to Him, as seen in the work Divine Providence. Comparison with Apocalypse Explained treatment of "laws of Divine Providence." Relation of Providence to free human activity. Seminar.

3 Credits.

### **Theology 695. Dissertation.**

A serious study and written dissertation demonstrating the ability to present and explain doctrine. Required of all degree students. Individually advised.

3 Credits.

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